

CEBE Student Projects

Number	Title	Course
1	Undergraduate project's platform	(BSc) Computer and Data Science
2	Control of drag behind a car –Numerical Approach	BEng (Hons) Automotive Engineering
3	Data Acquisition Techniques and Processing for Big Data (Using Temperature Sensor for Environmental Monitoring)	BEng (Hons) Automotive Engineering
4	Design and development of a high pressure vessel for combustion analysis	BEng (Hons) Automotive Engineering
5	Design of an Electric in Wheel Motor Hub with Regenerative Braking	BEng (Hons) Automotive Engineering
6	Design of very stiff membrane structures to reduce weight in load bearing applications	BEng (Hons) Automotive Engineering
7	Design, Optimisation and Implementation of an LED Low & High Beam Within a Car Headlight	BEng (Hons) Automotive Engineering
8	Energy Recovery System for Heavy Vehicles	BEng (Hons) Automotive Engineering
9	Feasibility study into the lightweighting of simple hubless motorcycle wheel design	BEng (Hons) Automotive Engineering
10	Formula Student Intake System Optimisation	BEng (Hons) Automotive Engineering
11	FS – Investigation of Structural Stiffness of Light Weight Magnesium Structural Frames	BEng (Hons) Automotive Engineering
12	Implementation and optimisation of 4 wheel steering	BEng (Hons) Automotive Engineering

13	Investigate smart sensor device and body sensor network for smart healthcare application	BEng (Hons) Automotive Engineering
14	Investigating the suitability of making affordable bikes out of bamboo.	BEng (Hons) Automotive Engineering
15	Optimisation of Injection Strategies on a Direct-Injection Diesel Engine Fuelled with Ethanol-Diesel Fuel Blends	BEng (Hons) Automotive Engineering
16	Optimization of an Engine Block for A 3-Cylinder Engine With 610ccm Capacity	BEng (Hons) Automotive Engineering
17	Redesign of the 2019 BCU Racing Rear Engine Mounts –Incorporating the use of Carbon reinforced 3D Printing	BEng (Hons) Automotive Engineering
18	A Study into the Efficiency of One Type of Dowel Connector for Timber Concrete Composite Beams	BEng (Hons) Civil Engineering
19	Design of an Innovative Bamboo Connection	BEng (Hons) Civil Engineering
20	Determination of Vulnerability of Small-scale Rural Bioenergy Systems in the Context of Climate Change and Natural Disaster Risk	BEng (Hons) Civil Engineering
21	Finite Element Analysis of Tall Steel Structures Under Extreme Wind Loading Conditions	BEng (Hons) Civil Engineering
22	Investigate the Soil Strength and Stability of Clayey Sand with Hydrated Lime - Stabilisation of Soil with Lime	BEng (Hons) Civil Engineering
23	The Effect on the compressive strength when adding steel fibres to cement bound granular material	BEng (Hons) Civil Engineering
24	The Impact of Moisture Content on Flexural Strength of Mechanically Jointed Timber Beams	BEng (Hons) Civil Engineering
25	Analogue and Digital Training Board	BEng (Hons) Electronic Engineering

26	Analysis of Waste Biomatter for Biofuels Production in UK	BEng (Hons) Electronic Engineering
27	Automatic Blaze Detective System	BEng (Hons) Electronic Engineering
28	Automotive Cybersecurity	BEng (Hons) Electronic Engineering
29	Data Logging Application on a Student Formula One Car brakes, Oil and Water System	BEng (Hons) Electronic Engineering
30	Design a Prototype for Digital Washing Machine	BEng (Hons) Electronic Engineering
31	Design and Control of a U.A.V for Aerobatic Displays	BEng (Hons) Electronic Engineering
32	Design of Eye-Controlled Wheelchair Model for Disabled and Elderly People	BEng (Hons) Electronic Engineering
33	Electrocardiogram simulator	BEng (Hons) Electronic Engineering
34	Energy Harvesting (Piezoelectric)	BEng (Hons) Electronic Engineering
35	Faculty of Computing, Engineering and the Built the Environment	BEng (Hons) Electronic Engineering
36	Hybrid Energy Harvesting Techniques using Solar & Thermoelectric for Wearable Devices Applications	BEng (Hons) Electronic Engineering
37	Intelligent dustbin	BEng (Hons) Electronic Engineering
38	Intelligent Heart Rate Monitor	BEng (Hons) Electronic Engineering

39	Investigate artificial intelligence techniques for energy efficient sensing for smart infrastructure	BEng (Hons) Electronic Engineering
40	Modelling and navigation of a mobile robot within a virtual environment	BEng (Hons) Electronic Engineering
41	Passive RFID Sensor Technology	BEng (Hons) Electronic Engineering
42	Smart Irrigation System	BEng (Hons) Electronic Engineering
43	Smart street lighting system	BEng (Hons) Electronic Engineering
44	SMART WEARABLE DEVICE TO PRACTICE SOCIAL DISTANCING IN PUBLIC ENVIROMENT	BEng (Hons) Electronic Engineering
45	Temperature Monitoring Algorithm using AI	BEng (Hons) Electronic Engineering
46	Touch Sensors	BEng (Hons) Electronic Engineering
47	Voice Security Device	BEng (Hons) Electronic Engineering
48	A Review of Carbon Capture and Storage Systems	BEng (Hons) Mechanical Engineering
49	Aerodynamic Undertray and Diffuser on BCU Formula Student Car	BEng (Hons) Mechanical Engineering
50	An investigation into overall power output optimisation of a Proton Exchange Membrane Fuel Cell via modification of gas flow channels.	BEng (Hons) Mechanical Engineering
51	Analogue and Digital Training Board	BEng (Hons) Mechanical Engineering

52	Analysis of Waste Biomatter for Biofuels Production in UK	BEng (Hons) Mechanical Engineering
53	Application of Advanced Technology Based Devices on Sexual Assault Prevention	BEng (Hons) Mechanical Engineering
54	Can Augmented and Virtual Reality Help Product Design?	BEng (Hons) Mechanical Engineering
55	Carbon Fibre Reinforced 3D Printing for Use in Upper Body Prosthetics	BEng (Hons) Mechanical Engineering
56	CFD Modelling of a Diesel Engine using Microalgae-Based Biodiesel using the Reduced Mechanism Approach, Comparing Engine Performance and Emissions.	BEng (Hons) Mechanical Engineering
57	Computational fluid dynamics investigation of electric batteries cooling system using OpenFOAM	BEng (Hons) Mechanical Engineering
58	Define an Optimal Process for Product Identification Marking across the Eaton Lakeside Plant	BEng (Hons) Mechanical Engineering
59	Design and Manufacture of Carbon Fibre Steering Column and Rack for the BCU Formula Student Car	BEng (Hons) Mechanical Engineering
60	Design of a Three Wheeled Motorcycle Chassis	BEng (Hons) Mechanical Engineering
61	Design of custom chopper chassis	BEng (Hons) Mechanical Engineering
62	Developing a Mathematical Model for a Sustainable Energy Harvesting Home	BEng (Hons) Mechanical Engineering
63	Feasibility study of using wave energy to partially power a ship	BEng (Hons) Mechanical Engineering

64	Folding Bamboo Bicycle	BEng (Hons) Mechanical Engineering
65	Heating system using exhaust gas as energy source	BEng (Hons) Mechanical Engineering
66	High Pressure Closed-Loop Helium Turbomachinery Static Sealing	BEng (Hons) Mechanical Engineering
67	Investigating the mechanical behaviour of composite materials	BEng (Hons) Mechanical Engineering
68	IOT system design for enhancing the safety of cyclists and pedestrians	BEng (Hons) Mechanical Engineering
69	Miniaturisation of Internal Combustion Engines	BEng (Hons) Mechanical Engineering
70	Ocean Cleaning	BEng (Hons) Mechanical Engineering
71	Off-Grid Electricity Generation Using Heat Sources	BEng (Hons) Mechanical Engineering
72	Rapid Prototyping and Automation	BEng (Hons) Mechanical Engineering
73	Redesign of a Crossbow Reloading Mechanism	BEng (Hons) Mechanical Engineering
74	Simulating the Aging of a battery in Simulink in Various Conditions	BEng (Hons) Mechanical Engineering
76	Strategies to Reduce Methane Slip from Natural Gas Fuelled Spark Ignition Engine	BEng (Hons) Mechanical Engineering
75	The Design of a Compact Multiple Physical Exercise “Multigym” System for Home Use	BEng (Hons) Mechanical Engineering

77	The Design of a Compact Multiple Physical Exercise “Multigym” System for Home Use	BEng (Hons) Mechanical Engineering
78	The economics and physics of supersonic flight	BEng (Hons) Mechanical Engineering
79	The Effect of Root Steps Generated by Different Production Methods on the Tooth Root Strength of Involute Gear Teeth	BEng (Hons) Mechanical Engineering
80	Tyre-Slip, Road Surface & Profile Modelling.	BEng (Hons) Mechanical Engineering
81	Wood as a sustainable engineering material	BEng (Hons) Mechanical Engineering
82	A Data Analytics Framework to Analyse Staff Absenteeism in the NHS	BSc (Hons) Business Information Technology
83	A data-driven decisionmaking approach for improving productivity and efficiency in a manufacturing company	BSc (Hons) Business Information Technology
84	A Socio-Technical Approach To Address The Problem Of Cyberbullying	BSc (Hons) Business Information Technology
85	A Tool to Help Volkswagen Financial Services (VWFS) Understand the Importance of Their Customer Feedback	BSc (Hons) Business Information Technology
86	An Analytical Framework For Processing, Analysing And Visualising Spatiotemporal Road Traffic Data	BSc (Hons) Business Information Technology
87	An Exploratory Study to Research, Develop & Evaluate a User-interface for Conway Packing Services	BSc (Hons) Business Information Technology
88	AN INVESTIGATION INTO THE POINT OF SALE SYSTEMS AT THE COOPERATIVE	BSc (Hons) Business Information Technology
89	An online buddy system supporting women in computing entering higher education	BSc (Hons) Business Information Technology

90	Attendance Monitoring System Using Radio Frequency Identification (RFID) Technology	BSc (Hons) Business Information Technology
91	Bug Tracking by Design	BSc (Hons) Business Information Technology
92	Central England Co-Operative Customer Experience Sentiment Analysis	BSc (Hons) Business Information Technology
93	Childminding Booking System And Database	BSc (Hons) Business Information Technology
94	Collision sensor for Blind and Visually impaired people	BSc (Hons) Business Information Technology
95	Creating A Mobile Application To Improve Respiratory Illness	BSc (Hons) Business Information Technology
96	Creating a Sickness and Absence System for Conway Packing Services LTD	BSc (Hons) Business Information Technology
97	Creating a software tool for identifying unclaimed items for APC Overnight	BSc (Hons) Business Information Technology
98	Creating an ordering System for Dessertsbyzee	BSc (Hons) Business Information Technology
124	Design and development of a centralized Augmented Reality point of interest platform	BSc (Hons) Business Information Technology
99	Develop An Application To Reduce Instances Of Lost Stock At Mobile Fun Ultimately Affecting Inventory Accuracy	BSc (Hons) Business Information Technology
100	Develop An Online Order Management System For Ursmart	BSc (Hons) Business Information Technology
101	Developing a CRM comparison tool for SMEs	BSc (Hons) Business Information Technology

102	Developing a RFID system to reduce the number of parcels from going missing in a warehouse	BSc (Hons) Business Information Technology
103	Developing A System to Assess Vulnerability to Social Engineering	BSc (Hons) Business Information Technology
104	Developing And Implementing A Method To Analyse Human Resource Data For A Given Business	BSc (Hons) Business Information Technology
105	Dissertation: How Does Weather Impact Store Performance?	BSc (Hons) Business Information Technology
106	Exploring Usability And Design Issues With An Interactive iPad Application	BSc (Hons) Business Information Technology
107	Finance Saving For Shoppers	BSc (Hons) Business Information Technology
108	General Practice Management System	BSc (Hons) Business Information Technology
109	How can RFID tag system reduce theft in real time to improve security of consumable goods in retail?	BSc (Hons) Business Information Technology
110	How the GDPR Will Affect Small to Medium Enterprises	BSc (Hons) Business Information Technology
111	Introducing Bitcoin payments into a small business	BSc (Hons) Business Information Technology
112	IoT in the Fashion Industry, How can you use data from IoT sensors to make decisions?	BSc (Hons) Business Information Technology
113	IoT platform for measuring and reducing air pollutants in indoor environments	BSc (Hons) Business Information Technology
114	IOT System to Observe and Monitor Care Home Resident's Room Temperatures	BSc (Hons) Business Information Technology

115	Optimisation of business processes in CPS to support productivity and crossdepartmental integration	BSc (Hons) Business Information Technology
116	Optimisation Of Enrolment Systems Using Accessibility Techniques	BSc (Hons) Business Information Technology
117	Optimising University Lectures and Classes Through Real Time Student Feedback	BSc (Hons) Business Information Technology
118	Project Dissertation: A system to help football players improve their context awareness and make better decisions	BSc (Hons) Business Information Technology
119	Project Management System For Concero Technology Services	BSc (Hons) Business Information Technology
120	Remotely Secured	BSc (Hons) Business Information Technology
121	Smart Cow's	BSc (Hons) Business Information Technology
122	Smartphone Application To Assist Personal Training	BSc (Hons) Business Information Technology
123	Social Media Analytics and Visualisation on Reddit An Investigation into Decision Support Systems in Sports	BSc (Hons) Business Information Technology
125	Targeting obesity in young adults: A socio-technical approach to a gamification-based smartphone application	BSc (Hons) Business Information Technology
126	The Challenges of Digital Transformation within Organisations before the Digital Age	BSc (Hons) Business Information Technology
127	The Role of Technology in Waste Management Practices for Grand Cayman, Cayman Islands	BSc (Hons) Business Information Technology
128	The Use of Microsoft PowerBI to Aid in Intervention and Analyse Trends	BSc (Hons) Business Information Technology

129	Traffic In Birmingham: Historical Trends, Correlation And Visualisation Of Two Data Sources – An Exploration	BSc (Hons) Business Information Technology
130	Using Market Basket Analysis To Explore Customer Behaviour	BSc (Hons) Business Information Technology
131	Using sentiment Analysis to Monitor Online Forums	BSc (Hons) Business Information Technology
132	Veterinary Practice Management System	BSc (Hons) Business Information Technology
133	Yana - Student Accommodation Finder Mobile App	BSc (Hons) Business Information Technology
134	Overcoming the Challenges of Teaching Digital Forensics Online	BSc (Hons) Computer Forensics
135	A Card Game Based Approach To Analysing And Improving Social Anxiety Disorder	BSc (Hons) Computer Games Technology
136	A heuristical studyon Energy Drink sand the effects they have on Gaming Performance	BSc (Hons) Computer Games Technology
137	Assistive Glove	BSc (Hons) Computer Games Technology
138	Assistive Interaction Techniques for Controlling Personal Computers	BSc (Hons) Computer Games Technology
139	Augmented Reality Treatment for Phobias	BSc (Hons) Computer Games Technology
140	Collaborative Play: Controlling Competitive Teamwork in Soccer Agents via Reinforcement Learning	BSc (Hons) Computer Games Technology
141	Design And Development Of A Centralized Augmented Reality Point Of Interest Platform	BSc (Hons) Computer Games Technology

142	Evaluation of the use of Gamification and Augmented Reality features on Active City Tourism	BSc (Hons) Computer Games Technology
143	Improving Difficulty Settings In Turn-Based-Strategy Games Using A.I.	BSc (Hons) Computer Games Technology
144	Investigation of AI automation in Insurance claims	BSc (Hons) Computer Games Technology
145	Making Rhythm Games Accessible To Everyone: Using Face Tracking To Create New Methods Of Control	BSc (Hons) Computer Games Technology
146	Marketing Smart Home Devices With Computer Games	BSc (Hons) Computer Games Technology
147	Realistic Wheel Colliders for Automotive Visualisation in the Digital Manufacturing Pipeline	BSc (Hons) Computer Games Technology
148	Research Into The Role Of Companion Artificial Intelligence In Computer Games To Improve Gameplay	BSc (Hons) Computer Games Technology
149	Robot Arm Training Using Reinforcement Learning in Fallible and Non-Deterministic Environments	BSc (Hons) Computer Games Technology
150	The Use Of Simulations To Improve Carbon Efficiency In Households	BSc (Hons) Computer Games Technology
151	Using Evolving Neural Networks in Video Games to Generate Content and Increase Player Engagement	BSc (Hons) Computer Games Technology
152	Using IoT for disasters and comms (RPi) as points of communication	BSc (Hons) Computer Games Technology
153	Using Virtual Reality to improve empathy in clinical relationships	BSc (Hons) Computer Games Technology
154	Virtual Reality based drink driving simulator	BSc (Hons) Computer Games Technology

155	Virtual Reality Exposure Therapy As A Treatment For Social Anxiety Disorders	BSc (Hons) Computer Games Technology
156	An Evaluation of Virtual Desktop Infrastructure Solutions in Microsoft Azure to Provide the Best Value for Birmingham City University	BSc (Hons) Computer Information Technology
157	Creating a service calling application for use in hospitality venues	BSc (Hons) Computer Information Technology
158	Data capture and transmission analysis (IoT)	BSc (Hons) Computer Information Technology
159	Develop a SMART application system for CPS to track and store goods	BSc (Hons) Computer Information Technology
160	Development of a Smart System Using IoT Techniques to Increase Public Awareness of Household Solid Waste Recycling	BSc (Hons) Computer Information Technology
161	Digital Media Remarketing – A Critical Analysis	BSc (Hons) Computer Information Technology
162	Exposing a Generic Car Dashboard via a Linux Virtual Machine Through the Unity Game Engine	BSc (Hons) Computer Information Technology
163	Health Care booking system with built in Artificial Intelligence/RFID	BSc (Hons) Computer Information Technology
164	NoMad Minds	BSc (Hons) Computer Information Technology
165	Stream data processing for smart cities applications	BSc (Hons) Computer Information Technology
166	Using sensor technology (IoT) to aid in decision making of player performance in amateur football	BSc (Hons) Computer Information Technology
167	Applying Machine Learning Techniques To Intrusion Detection	Bsc (Hons) Computer Networks
168	Are VLANS Needed In SDNS?	BSc (Hons) Computer Networks

169	Auditing the wireless network infrastructure at GEODIS	BSc (Hons) Computer Networks
170	Automated Provisioning of Single-Board Computers	BSc (Hons) Computer Networks
171	Automating Deployment Of Network Services	BSc (Hons) Computer Networks
172	Benefits and Challenges of Cloud Storage and How it Affects SMEs	BSc (Hons) Computer Networks
173	Bi Product Trends Business Intelligence with Internet of things	BSc (Hons) Computer Networks
174	BLACKFLIX; A web application for streaming Black and African American movies/Tv shows	BSc (Hons) Computer Networks
175	Cloud Based Customer Relationship Management (CRM) Application	BSc (Hons) Computer Networks
176	Comparative Analysis Of Traditional And Software Defined Networks	BSc (Hons) Computer Networks
177	Defining stakeholder requirements for smart cities	BSc (Hons) Computer Networks
178	Development of an environment Insights Explorer for Birmingham	BSc (Hons) Computer Networks
179	DHCP Locator Application	BSc (Hons) Computer Networks
180	Educated-Reality: Augmented Reality in Education	BSc (Hons) Computer Networks
181	Fingerprint System	BSc (Hons) Computer Networks
182	HospitalApp	BSc (Hons) Computer Networks
183	Interplanetary Internet	BSc (Hons) Computer Networks
184	Investigating feasible integration for LPWAN and 5G	BSc (Hons) Computer Networks
185	Investigating how IoT Messaging Protocols are Being Used in the Automotive Industry to Aid Self-Driving Vehicles	BSc (Hons) Computer Networks
186	Linux Firewall In SME	BSc (Hons) Computer Networks
187	Live Status Monitoring System for Point of Sell Terminals	BSc (Hons) Computer Networks
188	LoRaWAN Gateways as Remote Access Servers: Designing a secure remote access solution for branch office network devices	BSc (Hons) Computer Networks
189	Mirroring Networks	BSc (Hons) Computer Networks
190	MPLS And Segment Routing Study	BSc (Hons) Computer Networks

191	Network Automation and Programmability for Small and Medium Enterprises	BSc (Hons) Computer Networks
192	Network Monitoring System	BSc (Hons) Computer Networks
193	Network Programmability and Automation	BSc (Hons) Computer Networks
194	Networking traffic monitoring + Attack vector analysis discussion (Honeypots)	BSc (Hons) Computer Networks
195	Optimising Wan Based Traffic With The Use Of Software Defined Wan	BSc (Hons) Computer Networks
196	Optimum Mitigation Strategies to Curb Security Challenges in Cloud Computing	BSc (Hons) Computer Networks
197	Port X Report	BSc (Hons) Computer Networks
198	Primal Responses in the Immersive Audio Field: A Study into Heightened Localisation, in Response to Stimuli, Delivered Via Ambisonic Processing	BSc (Hons) Computer Networks
199	Scaling Multi-Tenant Provider Networks	BSc (Hons) Computer Networks
200	Security of IoT Sensor Networks	BSc (Hons) Computer Networks
201	Self-Ordering Systems	BSc (Hons) Computer Networks
202	Smart Login	BSc (Hons) Computer Networks
203	The Investigation of a Feasible Approach for Integration Between LPWAN and 5G Technologies	BSc (Hons) Computer Networks
204	The Scalability Challenges Of Software-Defined Networking	BSc (Hons) Computer Networks
205	Thermal Efficient Smart Home	BSc (Hons) Computer Networks
206	To What Extent Do IOT Devices and GIS Support Both the Public and Private Healthcare Sector	BSc (Hons) Computer Networks
207	Using machine learning to segment medical Images	BSc (Hons) Computer Networks
208	Using Packet Tracer for Teaching Networking and Computer Science	BSc (Hons) Computer Networks
209	A Comparison Study of ERTMS and Existing Fixed Block Railway Signalling Systems	BSc (Hons) Computer Networks and Security

210	A Critical Investigation into Voice over IP (VoIP) Quality of Service and Security & The Implementation of Softphone Application for Conway Packing Services	BSc (Hons) Computer Networks and Security
211	A Design, Implementation, and Evaluation of an Automatic Security Log Correlation and Analysis Engine	BSc (Hons) Computer Networks and Security
212	A Pre-Emptive Flow Installation Mechanism (PFIM): Performance Analysis	BSc (Hons) Computer Networks and Security
213	Absence And Sickness System	BSc (Hons) Computer Networks and Security
214	Addressing current online privacy concerns, via the creation of a de-centralised system to store sensitive personal data	BSc (Hons) Computer Networks and Security
215	Agreement Smart Contract Using Blockchain Technology	BSc (Hons) Computer Networks and Security
216	An Automated Home Network Vulnerability Scanner	BSc (Hons) Computer Networks and Security
217	An Evaluation of the Security and Performance of Secure DNS Solutions	BSc (Hons) Computer Networks and Security
218	An Intrusion Detection System For Home Networks	BSc (Hons) Computer Networks and Security
219	An Investigation Into Migrating Network Automation To Software Defined Networks	BSc (Hons) Computer Networks and Security
220	An Investigation Of IOT Security Frameworks	BSc (Hons) Computer Networks and Security
221	Blockchain Food Trust Network	BSc (Hons) Computer Networks and Security

222	BUILDING HIGH-PERFORMANCE COMPUTING ENGINE (RASPBERRY PI CLUSTER)	BSc (Hons) Computer Networks and Security
223	Comparative Analysis Of Anti-Phishing Technologies	BSc (Hons) Computer Networks and Security
224	Conway Packing Services Ltd Transport Schedule System	BSc (Hons) Computer Networks and Security
225	Creating A Service On The Tor Network	BSc (Hons) Computer Networks and Security
226	DEDaLoRDD: Decomposition Enhanced Decision Trees applied to Low-Rate DOS Detection	BSc (Hons) Computer Networks and Security
227	Delivering media via a Content Delivery Network	BSc (Hons) Computer Networks and Security
228	Deployment of Honeypot to Improve Intrusion Detection	BSc (Hons) Computer Networks and Security
229	Design, Implementation and Evaluation of an IWAN Networking Solution	BSc (Hons) Computer Networks and Security
230	Detection And Elimination Of Common Computing Vulnerabilities Such As Software Bugs	BSc (Hons) Computer Networks and Security
231	Developing a Form Generation Tool for Herefordshire and Worcestershire NHS Health and Care Trust	BSc (Hons) Computer Networks and Security
232	Development of an automated IoT poultry coop door for poultry farming	BSc (Hons) Computer Networks and Security
233	Efficient Traffic Handling Between 4G and 5G	BSc (Hons) Computer Networks and Security
234	Enhancing a Cyber Security Operations Centre	BSc (Hons) Computer Networks and Security

235	Evaluating The Effectiveness Of QOS Tools In An Enterprise Network Incorporating Wireless Components	BSc (Hons) Computer Networks and Security
236	Evaluating the Performance of QoS in an LTE Network	BSc (Hons) Computer Networks and Security
237	Faculty Of Computing, Engineering And The Built Environment	BSc (Hons) Computer Networks and Security
238	Gym Membership System	BSc (Hons) Computer Networks and Security
239	Honeypots And Ids	BSc (Hons) Computer Networks and Security
240	How might we extend our Vmware environment into the Azure cloud?	BSc (Hons) Computer Networks and Security
241	IBM WATSON & COGNITIVE DEVELOPMENT AND HOW IT WOULD ASSIST CHILDREN IN HOSPITALS	BSc (Hons) Computer Networks and Security
242	Identifying The Challenges And Limitations That Occur With SDN	BSc (Hons) Computer Networks and Security
243	Implementing The Optimization of Network Traffic Using Preemptive Techniques in SDN Network	BSc (Hons) Computer Networks and Security
244	Integration Of An Ids And The Elk Stack On Home Networks To Protect IOT Devices	BSc (Hons) Computer Networks and Security
245	Investigating how 5G can impact Rural Healthcare?	BSc (Hons) Computer Networks and Security
246	Investigating Network Management Using Modern Networking Tools	BSc (Hons) Computer Networks and Security
247	Investigation In To The Most Efficient Ways Of Migrating Current Standard Networks To Software-Defined Networks	BSc (Hons) Computer Networks and Security

248	Leveraging Cloud Infrastructures and Software Integration	BSc (Hons) Computer Networks and Security
249	Lightweight Virtualisation at the Network Edge	BSc (Hons) Computer Networks and Security
250	LoRaWAN Interface for Smartphones	BSc (Hons) Computer Networks and Security
251	MAC Addressing tracking utilising LoRaWAN	BSc (Hons) Computer Networks and Security
252	Machine Learning And Artificial Intelligence Tools In Online Data Stream Analysis	BSc (Hons) Computer Networks and Security
253	Network And User Security Considerations For A Multi-Rat In-building Enterprise Network Infrastructure	BSc (Hons) Computer Networks and Security
254	Network Design Considerations For Integration Of Multi-Rat Users Into An In-Building Enterprise Network	BSc (Hons) Computer Networks and Security
255	NETWORK MANAGEMENT SYSTEMS: AN INVESTIGATION AND ANALYSIS IN NETWORK MONITORING FOR ENTERPRISE NETWORKS	BSc (Hons) Computer Networks and Security
256	Next-Generation Antivirus Vs. Traditional Antivirus	BSc (Hons) Computer Networks and Security
257	Online GP Booking Service using databases	BSc (Hons) Computer Networks and Security
258	Performance evaluation and comparison of 5G and 4G networks for eHealth applications	BSc (Hons) Computer Networks and Security
259	Personal Tor Node	BSc (Hons) Computer Networks and Security
260	Premier League Football Refereeing Analysis	BSc (Hons) Computer Networks and Security

261	Public Wi-Fi Networks and Security	BSc (Hons) Computer Networks and Security
262	Road Traffic Condition Notifier & Planner	BSc (Hons) Computer Networks and Security
263	Scope Of Immersive Media (Virtual/ Augmented Reality) In Cyber-Security Training	BSc (Hons) Computer Networks and Security
264	SDN, NFV, Firewalls – An Investigation Into DDOS Mitigation	BSc (Hons) Computer Networks and Security
265	Securing The Network Edge With A Linux Firewall And A Cisco Router, Within A Penetration Testing Environment.	BSc (Hons) Computer Networks and Security
266	Security Audit tool for Intermediary Devices	BSc (Hons) Computer Networks and Security
267	Simplified Network Firewalls - Report	BSc (Hons) Computer Networks and Security
268	Solution for Internet provisioning and Knowledge Sharing in Developing Countries	BSc (Hons) Computer Networks and Security
269	The Design And Development Of A Linux Kernel Module Rootkit Detection Program For A Debian Based Operating System	BSc (Hons) Computer Networks and Security
270	The Implementation And Maintenance Of A Secure Network In A SME	BSc (Hons) Computer Networks and Security
271	To Provide a Framework that Supports Disaster Recovery and High Availability at SMBs	BSc (Hons) Computer Networks and Security
272	To What Extent Do IOT Devices And GIS Support Both The Public And Private Healthcare Sector	BSc (Hons) Computer Networks and Security
273	Upgrade of a Network System in an Educational Institution in Ivory Coast	BSc (Hons) Computer Networks and Security

274	Using a Neural Network to predict if Bitcoin addresses are being used maliciously	BSc (Hons) Computer Networks and Security
275	WebRTC: An Alternative Solution to Audio Networking	BSc (Hons) Computer Networks and Security
276	Wireless Security Analysis Penetration Testing Wireless	BSc (Hons) Computer Networks and Security
277	Wireless Technology and Cyber- Security Analysis	BSc (Hons) Computer Networks and Security
278	A mobile application for the MMA (Mixed Martial Arts) Community	BSc (Hons) Computer Science
279	A University On Campus Restaurant Ordering System	BSc (Hons) Computer Science
280	A Virtual City Influenced by Real World Events	BSc (Hons) Computer Science
281	A Web User Interface for an Escrow System Based on a Smart Contract	BSc (Hons) Computer Science
282	Access For Disabled: Assistance In Today's Towns And Cities	BSc (Hons) Computer Science
283	An Augmented Reality Mobile Application To Engage And Educate Students	BSc (Hons) Computer Science
284	An Evaluation Into Creating A Weather Display Using The Raspberry Pi	BSc (Hons) Computer Science
285	An Investigation Into Machine Vision Techniques For Gesture Control Over A Computer System	BSc (Hons) Computer Science
286	An investigation into the use of machine learning techniques for the production of a customer analytics system targeted towards a large scale online digital distribution platform for video games	BSc (Hons) Computer Science
287	Android Mobile Application Development	BSc (Hons) Computer Science
288	Application To Support The Communication With People Who Have Learning Difficulties	BSc (Hons) Computer Science
289	Are Vlans Needed In A Software Defined Network?	BSc (Hons) Computer Science
290	AssessmentPal Mobile Application Development	BSc (Hons) Computer Science
291	Augmented Reality Car Manual	BSc (Hons) Computer Science

292	Authentic Mobile Paperless Ticketing	BSc (Hons) Computer Science
293	Automated Trading in Stock Market	BSc (Hons) Computer Science
294	Build A Browser Extension to Monitor Exchanges of Personal Data	BSc (Hons) Computer Science
295	Characterisation of VBM Algorithms for Processing of Medical MRI Images	BSc (Hons) Computer Science
296	Chat App Using Wi-Fi Direct	BSc (Hons) Computer Science
297	Company Truck Information App	BSc (Hons) Computer Science
298	Controlling a video game with gestures recognized using PoseNet	BSc (Hons) Computer Science
299	Convolutional Neural Network to Classify Brain Tumour MRI Images	BSc (Hons) Computer Science
300	Creating a Digital Twin of a Physical Asset	BSc (Hons) Computer Science
301	CRM Booking System Integrated CRM/App Communications with Mobile Phones	BSc (Hons) Computer Science
370	Cross Platform Scheduling App	BSc (Hons) Computer Science
302	Database Management System For A Restaurant	BSc (Hons) Computer Science
303	DEEP LEARNING IN MEDICAL IMAGING FOCUSING ON CHEST PNEUMONIA DETECTION	BSc (Hons) Computer Science
304	Demonstration Of Selected Vulnerabilities The Top 10 Of OWASP	BSc (Hons) Computer Science
305	Design and Build an Online Canteen Ordering System	BSc (Hons) Computer Science
306	Design And Build Online Web Application For A Shop	BSc (Hons) Computer Science
307	Design And Visualisation Of Global Water Shortages –Using Open Data	BSc (Hons) Computer Science
308	Detecting Cyber-attacks in Industrial Control Systems Using Machine learning techniques	BSc (Hons) Computer Science
309	Developing A Secure E-Exam Client	BSc (Hons) Computer Science
310	Development of a Driving Lessons Booking System and Back-end Database	BSc (Hons) Computer Science
311	Development Of A Pc Building Mobile Application - Builderpcinfo	BSc (Hons) Computer Science
312	Dormhub	BSc (Hons) Computer Science
313	Edge Machine Learning: Enabling Smart Internet Of Things Applications	BSc (Hons) Computer Science

314	Egregority	BSc (Hons) Computer Science
315	Embedding Real Time Events into a Computer Game Using Artificial Intelligence	BSc (Hons) Computer Science
316	Evaluating Cross-Platform Web and Mobile Applications	BSc (Hons) Computer Science
317	Evaluating the improvement of Recommender Systems using Artificial Intelligence	BSc (Hons) Computer Science
318	Evolving An Agile Methodology For Small To Medium Scale Mobile Application Development	BSc (Hons) Computer Science
319	Examination Of SDN Methods Vs Traditional Methods Based On Network Configuration Technologies	BSc (Hons) Computer Science
320	Final Year Project Report –Cross Platform Scheduling App	BSc (Hons) Computer Science
321	Football Premier League Prediction Model	BSc (Hons) Computer Science
322	HeartBeat Sock	BSc (Hons) Computer Science
323	Higher Educational Domain Artificial Intelligence ChatBot	BSc (Hons) Computer Science
324	Home Care System	BSc (Hons) Computer Science
325	Honours Project: The Automated Detection And Resolution Of Computer Performance Issues	BSc (Hons) Computer Science
326	How Can A Smart Mirror Be Used To Simplify A Daily Activity?	BSc (Hons) Computer Science
327	How Can Machine Learning Be Employed To Make Accurate Predictions For Diagnostic Support Systems For Automobiles?	BSc (Hons) Computer Science
328	How might we improve security for 3rd parties accessing our solutions in the Cloud?	BSc (Hons) Computer Science
329	How To Implement Recommendation Systems To Prevent Food Waste	BSc (Hons) Computer Science
330	Idle Brains: An android game based on object recognition	BSc (Hons) Computer Science
331	Implementing Machine Learning Optimisation Technique In A Chip-Based Controller To Reduce Computational Intensity	BSc (Hons) Computer Science

332	Imposing transparent Cybersecurity measure	BSc (Hons) Computer Science
333	Improving the efficiency of the Construction sector with Smart Contracts	BSc (Hons) Computer Science
334	Individual Honours Project	BSc (Hons) Computer Science
335	Individual Undergraduate Project	BSc (Hons) Computer Science
336	Intermediator Multi-Platform Application	BSc (Hons) Computer Science
337	Investigation Into Software Defined Network Security	BSc (Hons) Computer Science
338	Investigation into the use of Machine Learning techniques for the design and optimisation of programmable logic	BSc (Hons) Computer Science
339	Know Thyself - Mobile Assisted Fitness	BSc (Hons) Computer Science
340	Learnix – Learn The Command Line	BSc (Hons) Computer Science
341	Leveraging Proof of Provenance on Distributed Ledgers for Secure Education Results for Individuals	BSc (Hons) Computer Science
342	Location Based Mobile Reminder Application	BSc (Hons) Computer Science
343	Loyalty systems and their effect on repeat custom	BSc (Hons) Computer Science
344	Machine Learning Within A Simulated Environment	BSc (Hons) Computer Science
345	Making Reading accessible for the Blind and visually impaired	BSc (Hons) Computer Science
346	Maximizing Customer Efficiency Through the Use of Digitalization of Restaurant Processes	BSc (Hons) Computer Science
347	Meeting Management System	BSc (Hons) Computer Science
348	Mobile Application: Digital Restaurant menu System	BSc (Hons) Computer Science
349	Mobile Health Android Application	BSc (Hons) Computer Science
350	My Usage Android Application	BSc (Hons) Computer Science
351	Network Monitoring System	BSc (Hons) Computer Science
352	Noise Mapping University Buildings	BSc (Hons) Computer Science
353	Online Van Hiring Website	BSc (Hons) Computer Science
354	Predicting flight delays using machine learning	BSc (Hons) Computer Science

355	Predictive Modelling in Sports	BSc (Hons) Computer Science
356	Python Data Visualisation for the British Sikh Charity	BSc (Hons) Computer Science
357	Rainfall Simulation In A 3d Environment	BSc (Hons) Computer Science
358	Raspberry Pi Smart Surveillance System	BSc (Hons) Computer Science
371	Raspberry Pi Smart Surveillance System	BSc (Hons) Computer Science
359	Report and Web Scrape crime mobile application	BSc (Hons) Computer Science
360	Retinopathy Detection Using Transfer Learning	BSc (Hons) Computer Science
361	RFID Access Control System With Two-Factor Authentication	BSc (Hons) Computer Science
362	Sentiment Analysis On Google Maps Reviews Using Microsoft Cognitive Services	BSc (Hons) Computer Science
363	Shape Finder	BSc (Hons) Computer Science
364	Smart Automated Plant Watering System	BSc (Hons) Computer Science
365	Smart Door Lock using an Android Application	BSc (Hons) Computer Science
366	Smart Space: Utilization of Data Collection Sensors to Improve Space Usage	BSc (Hons) Computer Science
367	Smart Speed Tracker	BSc (Hons) Computer Science
368	Social Media Web Application With Speech Recognition	BSc (Hons) Computer Science
369	Software Defined Networking Implementation for Birmingham City University	BSc (Hons) Computer Science
372	Speechless A Virtual, Personal Assistant	BSc (Hons) Computer Science
373	SportsLink	BSc (Hons) Computer Science
374	Student Attendance Registration System and Facial Recognition	BSc (Hons) Computer Science
375	Student Social Network web application built using MERN stack to help enhance student performance	BSc (Hons) Computer Science
376	The effect of decomposition granularity on DeTraC for COVID-19 detection using chest X-ray images	BSc (Hons) Computer Science

377	The Effect of using CISCO Packet Tracer as a Teaching Aid for Computer Science and Networking Students Final Year Project	BSc (Hons) Computer Science
378	The Effectiveness Of Digital Forensic Tools In A Digital Forensics Investigation	BSc (Hons) Computer Science
379	The movement and activity tracking system for elderly people at home using a virtual animated character	BSc (Hons) Computer Science
380	The Smart Case	BSc (Hons) Computer Science
381	THE USE OF ARTIFICIAL INTELLIGENCE FOR THE WELFARE OF HUMAN BEINGS	BSc (Hons) Computer Science
382	The Use of Bio-Authentication in Web and Mobile Technology	BSc (Hons) Computer Science
383	The Use Of Sentiment Analysis To Determine Customer Feedback Within Applications By Creating A Prototype Business Application	BSc (Hons) Computer Science
384	The use of software to optimize transportation within the logistics industry	BSc (Hons) Computer Science
385	Threat Hunting: Detecting and Identifying the unknown	BSc (Hons) Computer Science
386	Time Management in The Age of Technology	BSc (Hons) Computer Science
387	Time Series Classification for ECG Data	BSc (Hons) Computer Science
388	Timesheet Management System	BSc (Hons) Computer Science
389	Tracker: Location Based Music Sharing Application Final Report	BSc (Hons) Computer Science
390	Training An Artificial Intelligence Using Various Machine Learning Techniques To Predict The Outcome Of A Sporting Event: Could A Model Be Trained To Effectively Predict This Outcome?	BSc (Hons) Computer Science
391	TruckDriverApp	BSc (Hons) Computer Science
392	UniPal Attendance System	BSc (Hons) Computer Science
393	United Productions Database And Website Development	BSc (Hons) Computer Science
394	Using Blockchain As Secure And Immutable Storage	BSc (Hons) Computer Science

395	Using class decomposition and Decision Trees to implement machine ensemble learning	BSc (Hons) Computer Science
396	Using Facial Recognition to Reduce Workload	BSc (Hons) Computer Science
397	Using LoRa WAN for product location on an Industrial Site	BSc (Hons) Computer Science
398	Using Machine Learning to Predict Stroke	BSc (Hons) Computer Science
399	Using Sentiment Analysis Tools on Twitter to Explore Attitudes Towards Autonomous Vehicle Technology	BSc (Hons) Computer Science
400	Vehicle Inspection Software (VIS)	BSc (Hons) Computer Science
401	Virtual Reality Application For Treating Phobias	BSc (Hons) Computer Science
402	VLSM Learning Environment Final Year Project	BSc (Hons) Computer Science
403	Ways Virtual Reality Can Be Used To Support Meetings And The Development Of A Prototype Virtual Reality Meeting Application	BSc (Hons) Computer Science
404	Web of Receipts	BSc (Hons) Computer Science
405	WeTogether Through VCL	BSc (Hons) Computer Science
406	Zunna: The Browser Extension Protecting Personal Data	BSc (Hons) Computer Science
407	A Low-Cost Inductive Loops Road Traffic Detector System for Future Cities	BSc (Hons) Computing and Digital Technology
408	Annual Leave System for CPS	BSc (Hons) Computing and Digital Technology
409	Customer Demographics Database	BSc (Hons) Computing and Digital Technology
410	Development of a Virtual Learning Environment (VLE)	BSc (Hons) Computing and Digital Technology
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421	Student Attendance System	BSc (Hons) Computing and Digital Technology
422	Using OSSIM AlienVault to aid in identifying and detecting certain threats on a network through the use of directives that generate alarms	BSc (Hons) Computing and Digital Technology
423	Applying Technology for Anxiety Monitoring and Control	BSc (Hons) Computing and Information Technology
424	Arduino Powered Smart Water Bottle	BSc (Hons) Computing and Information Technology

425	Data Security in the Cloud: A Case Study of User Security Awareness in SMEs	BSc (Hons) Computing and Information Technology
426	Design, development and implementation of a Student management system.A solution for students to contact teachers and schedule meetings	BSc (Hons) Computing and Information Technology
427	Design, Development and Implementation of Biometric Attendance System for Higher Education Institutions and Enterprises	BSc (Hons) Computing and Information Technology
428	Development of a mobile QR fault reporting application for meeting rooms at Nestlé	BSc (Hons) Computing and Information Technology
429	Heart Rate Monitor with Data Analysis	BSc (Hons) Computing and Information Technology
430	How To Transition an IT Team from Legacy Applications to Developing New Applications with Current Technologies	BSc (Hons) Computing and Information Technology
431	HUMIDITY AND TEMPERATURE SENSOR USING IOT PLATFORM	BSc (Hons) Computing and Information Technology
432	Implementing an Emergency Event Management System in the Fire Safety Industry	BSc (Hons) Computing and Information Technology
433	Light Aircraft Black Box System Proof of Concept	BSc (Hons) Computing and Information Technology
434	LoRaWAN Based Connected Clothing Security Tag	BSc (Hons) Computing and Information Technology
435	Mobile Application System to Improve and enhance businesses closely linked to Notting Hill Carnival	BSc (Hons) Computing and Information Technology
436	Non-Intrusive Multi Factor Authentication System for Central England Co operative	BSc (Hons) Computing and Information Technology
437	Phone2Wrist	BSc (Hons) Computing and Information Technology

438	Smart systems for compliance and assurance of fire safety in the manufacturing industry	BSc (Hons) Computing and Information Technology
439	SMART WALKING CANE	BSc (Hons) Computing and Information Technology
440	A collaborative tool to manipulate previsualization in real-time for film	BSc (Hons) Digital Media Technology
441	Accessing the benefits of how augmented reality effects dyslexic students revise	BSc (Hons) Digital Media Technology
442	An Augmented Reality Interface Combining Infographics To Improve Healthcare Services	BSc (Hons) Digital Media Technology
443	Animal Animation in MAYA —The Development of a Learning Tool	BSc (Hons) Digital Media Technology
444	Assessing the viability of using an SFM-MVS photogrammetry workflow by small animation studios and freelance 3D artists	BSc (Hons) Digital Media Technology
445	Augmented Reality Application Assisting Biology Students on Human Anatomy	BSc (Hons) Digital Media Technology
446	Automatic Gain Setting and Musical Instrument Recognition Using Convolutional Neural Networks	BSc (Hons) Digital Media Technology
447	Comparative study between tracking workflows in Mocha Pro and Adobe After Effects	BSc (Hons) Digital Media Technology
448	Creating an Energy Monitoring System to Reduce Energy Consumption Amongst Consumers	BSc (Hons) Digital Media Technology
449	Develop, Create & Evaluate a Web Based Application for World of Warcraft Players	BSc (Hons) Digital Media Technology
450	Development of an animation learning application	BSc (Hons) Digital Media Technology

451	Development of an Augmented Reality application to enhance the learning achievement in school science lessons	BSc (Hons) Digital Media Technology
452	EducatAR Creating an Augmented Reality App to aid History Education	BSc (Hons) Digital Media Technology
453	Exploring Methods of Efficiently Remastering 3D Video Game Assets	BSc (Hons) Digital Media Technology
454	Exploring the impact of translation (to easier language) methods on the user experience (UX) of a BIFCA student at BCU using the BCUwebsite	BSc (Hons) Digital Media Technology
455	How Can Developing a 3D Interactive Application with a Built-In-Environment in Real Estate Assist the Way People View Properties	BSc (Hons) Digital Media Technology
456	How Can Digital Analytics be Used to Assess and Improve Website Performance and User Interaction?	BSc (Hons) Digital Media Technology
457	Improving realism of three-dimensional rendered buildings in artist impression images using virtual lighting and texturing workflows	BSc (Hons) Digital Media Technology
458	Increasing the Engagement and Achievement of Foreign Language Learners using an Interactive Augmented Reality book	BSc (Hons) Digital Media Technology
459	Investigation into the usability and user experience of an emergency social media platform	BSc (Hons) Digital Media Technology
460	Investigation into the use of immersive technologies in developing an alternative open day tour experience and measuring its usability as a marketing tool	BSc (Hons) Digital Media Technology
461	IoT in the Public Sector: Using Low Powered Wide Area Network Technology in a Low-cost Communications Device	BSc (Hons) Digital Media Technology
462	Prototype – Usync. Development of a Social Networking Music Sharing Application	BSc (Hons) Digital Media Technology

463	Prototype - Winar Development of an application that incorporates the gamification of marketing promotions using AR	BSc (Hons) Digital Media Technology
464	Prototype " Usync. Development of a Social Networking Music Sharing Application	BSc (Hons) Digital Media Technology
465	Render settings: A solution to reduce the rendering time without affecting the rendering effect	BSc (Hons) Digital Media Technology
466	Techniques for simulating realistic tearing and cutting of fabric in Maya; a comparative study	BSc (Hons) Digital Media Technology
467	The Design & Development of a location-based iOS Application considering Design Principles to deliver information to users	BSc (Hons) Digital Media Technology
468	The design and implementation of a virtual workspace for a music client	BSc (Hons) Digital Media Technology
469	Web Application Development A Website for Learning Arabic as a Second Language for Key Stage 2 Primary School Pupils	BSc (Hons) Digital Media Technology
470	A Comparative Investigation Resolution Qualities Between HD Video Images and Down-Converted 4K Images	BSc (Hons) Film Production Technology
471	A quantitative report into the analysis of colour accuracy of six digital video cameras using RGB and CIELAB values and subjective research	BSc (Hons) Film Production Technology
472	Advancements in cinema grade projector image reproduction with the implementation of the ACES system	BSc (Hons) Film Production Technology
473	An Exploration Into The Nature Of HDR In Relation To Quality And Technology Within The Context Of Existing Formats	BSc (Hons) Film Production Technology
474	An Investigation Into How Mobile Aspect Ratio Affects Viewer Experience	BSc (Hons) Film Production Technology
475	An Investigation into On-Screen Saliency Using Colourimetry and Tonal Values of an Image	BSc (Hons) Film Production Technology

476	An investigation into the use of macro attachments in order to determine the consistency of final image quality and appearance	BSc (Hons) Film Production Technology
477	An Investigation on the Viability of Using Motion Capture in Previsualization, and How it Compares to Keyframing	BSc (Hons) Film Production Technology
478	Cinemas cameras: a technical comparison of the sensors and workflow	BSc (Hons) Film Production Technology
479	Comparing the Performance of Contrast and Phase Detection Auto-focus at Various Signal to Noise Ratios	BSc (Hons) Film Production Technology
480	Creating a Commercially Viable and Affordable 3-Axis Time-lapse Motion Control Rig	BSc (Hons) Film Production Technology
481	DESIGNING A FLOW CHART TO AID IN THE SELECTION OF CAMERAS AND LENSES FOR UNDERGRADUATE STUDENTS AT BIRMINGHAM CITY UNIVERSITY	BSc (Hons) Film Production Technology
482	Designing and Implementing a Post-Production Workflow for 4K Video	BSc (Hons) Film Production Technology
483	Developing a 4K Workflow for BSc Film Production Students in CEBE	BSc (Hons) Film Production Technology
484	Developing a Workflow of Previsualisation of Fight Choreography for Indie/student Films	BSc (Hons) Film Production Technology
485	Developing and evaluating a methodology for testing camera lens image quality	BSc (Hons) Film Production Technology
486	Developing Workflows for the Archival of Senegalese Film	BSc (Hons) Film Production Technology
487	Evaluating how cameras respond to extreme lighting conditions with consideration of colour correction in film	BSc (Hons) Film Production Technology

488	Evaluation of DCP production software Magdalena Anna Nawrocka	BSc (Hons) Film Production Technology
489	How does the Introduction of HDR Affect The Audiences QOE (Quality of Experience)?	BSc (Hons) Film Production Technology
490	Investigating the difference in image quality between cinema lenses and still photographic lenses, through quantitative comparison of lens performance characteristics	BSc (Hons) Film Production Technology
491	Investigation into the Effect of Tonal and Colour Information on Saccadic Eye Movement in Digital Photocompositions	BSc (Hons) Film Production Technology
492	Is Colour Tuneable LED the Future of Cinematography?	BSc (Hons) Film Production Technology
493	IS HIGH FRAME RATE THE FUTURE OF CINEMA?	BSc (Hons) Film Production Technology
494	Is there a future for lighting gels in the film and TV industry?	BSc (Hons) Film Production Technology
495	Is there a perceptual difference between film and digital, when viewed on a digital screen?	BSc (Hons) Film Production Technology
496	LED Fixture Recommendations for Birmingham City University	BSc (Hons) Film Production Technology
497	Localization Performance of Audio Types in 3D Stereoscopic Video	BSc (Hons) Film Production Technology
498	Operationalising camera-control technology to identify the difference in the stability of camera stabilisation systems	BSc (Hons) Film Production Technology
499	Performance evaluation of H.265 and VP9	BSc (Hons) Film Production Technology

500	The appropriateness of colour gels and colour grading in film production	BSc (Hons) Film Production Technology
501	The Effectiveness of Anamorphic Adapters	BSc (Hons) Film Production Technology
502	The Effectiveness of Extension Tubes in Macro Photography	BSc (Hons) Film Production Technology
503	The use of codecs and online streaming services such as BBC iPlayer, Netflix and YouTube	BSc (Hons) Film Production Technology
504	To investigate whether HRTFs or Reverb cues make 3D audio in VR the most realistic	BSc (Hons) Film Production Technology
505	What effect does incorrect handling of film industry standard lighting cables by Electricians have on set in various given production scenarios?	BSc (Hons) Film Production Technology
506	A Critical Analysis of Lens Distortion Grids	BSc (Hons) Film Technology and Visual Effects
507	An investigation into the effect coloured gels have on the colour temperature of a scene using different lighting fixtures	BSc (Hons) Film Technology and Visual Effects
508	Benefits of a LiDAR Based Person Tracking Follow Focus for Solo Camera Operators	BSc (Hons) Film Technology and Visual Effects
509	Comparing and Evaluating different Photogrammetry workflows to produce an optimized 3D asset for VFX	BSc (Hons) Film Technology and Visual Effects
510	Comparison of Visual, Auditory and Physical Cues in Virtual Reality	BSc (Hons) Film Technology and Visual Effects
511	Create and Evaluate A Workflow to Mirror Motion Capture Data	BSc (Hons) Film Technology and Visual Effects
512	Designing and Implementing a Performance Chart for Camera Lenses	BSc (Hons) Film Technology and Visual Effects

513	Determining quality differences between prime and zoom lenses across a specific range	BSc (Hons) Film Technology and Visual Effects
514	Exploring Methods for applying 2D Facial Animation in 3D Characters	BSc (Hons) Film Technology and Visual Effects
515	Generating High Detailed Suction Simulations Inside Houdini	BSc (Hons) Film Technology and Visual Effects
516	How are virtual environments created and used within film production?	BSc (Hons) Film Technology and Visual Effects
517	Investigation if drone technology could replicate a Milo Motion Control workflow	BSc (Hons) Film Technology and Visual Effects
518	Materials, Lights & Scene Settings – Their Effects on Single Frame Image Render Time and Quality	BSc (Hons) Film Technology and Visual Effects
519	Optimising Environments for Real-Time Cinema	BSc (Hons) Film Technology and Visual Effects
520	Optimizing Lighting and Rendering in Arnold	BSc (Hons) Film Technology and Visual Effects
521	The Development And Application Of Remote Imaging Technology In The Capture And Analysis Of Animal Behaviour	BSc (Hons) Film Technology and Visual Effects
522	The simulation of animal motion using human motion capture; a comparative study	BSc (Hons) Film Technology and Visual Effects
523	Using 3D software to simulate a traditional 2D Disney art-style	BSc (Hons) Film Technology and Visual Effects
524	Designing and Implementing a Performance Chart for Camera Lenses	BSc (Hons) Film Technology and Visual Effects

525	A Comparison of Commercial and Free Mobile Private Web Browsing Applications on An Android Mobile Device to Determine Their Effectiveness in Anti-Forensics	BSc (Hons) Forensic Computing
526	A Standard Guide for ISO 17025 Digital Forensics Software Validation Accreditation	BSc (Hons) Forensic Computing
527	A Technique to Detect Manipulation in Digital Images	BSc (Hons) Forensic Computing
528	Analysing problems faced with APFS file system to investigate the storage and recovery of files	BSc (Hons) Forensic Computing
529	Data Privacy – a toolkit to address the EU/GDPR Privacy regulation	BSc (Hons) Forensic Computing
530	Development Of A Virtual Digital Forensic Laboratory For Teaching In Higher Education	BSc (Hons) Forensic Computing
531	Difficulties with Legal Review –The Implementation of Artificial Intelligence (A.I.) & Forensic Linguistics	BSc (Hons) Forensic Computing
532	Forensic Analysis of the Amazon Echo Smart Speaker	BSc (Hons) Forensic Computing
533	Forensic Investigation To Collate Evidence Within Secure Messaging Apps	BSc (Hons) Forensic Computing
534	Ransomware Analysis And Prevention	BSc (Hons) Forensic Computing
535	The Repair of Universal Serial Bus Flash Drives to Recover Data	BSc (Hons) Forensic Computing
536	Virtual Assistant	BSc (Hons) Forensic Computing
537	A Low-Cost Inductive Loops Road Traffic Detector System for Future Cities	BSc (Hons) Information and Communication Technology
538	Android Web Application For Home Security My House Smart Security-MHSS	BSc (Hons) Information and Communication Technology
539	Annual Leave System for CPS	BSc (Hons) Information and Communication Technology
540	Autonomous Route Finding Collision Avoidance Vehicle	BSc (Hons) Information and Communication Technology

541	Can A Digital Solution For Dementia Patients Be Therapeutic For The Patients, Carers And Family?	BSc (Hons) Information and Communication Technology
542	Creating A Customer Feedback System For Conway Packing Services Ltd. Using Microsoft Dynamics 365	BSc (Hons) Information and Communication Technology
543	Customer Demographics Database	BSc (Hons) Information and Communication Technology
544	Designing A System To Assist People Seeking Medical Advice	BSc (Hons) Information and Communication Technology
545	Designing And Developing A Dynamic Sales Order Processing System For Conway Packing Services Ltd	BSc (Hons) Information and Communication Technology
546	Development of a Virtual Learning Environment (VLE)	BSc (Hons) Information and Communication Technology
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550	Exploring The Influence Of Human Well-Being With Advance Computing Reality Wearables	BSc (Hons) Information and Communication Technology
551	Fingerprint Attendance Management System	BSc (Hons) Information and Communication Technology
552	Fingerprint Scanner Wristband For Diabetics	BSc (Hons) Information and Communication Technology
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556	Intelligent Lesson Planning Software	BSc (Hons) Information and Communication Technology
557	Internet Privacy/Security Awareness Through The Development Of The 'RasPiRouTor'	BSc (Hons) Information and Communication Technology
558	Internet Protocol Security (IPSEC) Virtual Private Network (VPN) And Software Defined Networking (SDN)	BSc (Hons) Information and Communication Technology
559	It Equipment Utilisation Within The Data Centre	BSc (Hons) Information and Communication Technology
560	Managing Air Quality in Sensitive Living Environments	BSc (Hons) Information and Communication Technology
561	Pulse Monitor And Health Care System Dissertation	BSc (Hons) Information and Communication Technology
562	Research into the Teaching and Learning Packet Tracer Labs	BSc (Hons) Information and Communication Technology
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569	Virtual Personal Assistant	BSc (Hons) Information and Communication Technology
570	VSA, The Virtual Sales Assistant	BSc (Hons) Information and Communication Technology
571	Fitforall: Healthy Living For All.	BSc (Hons) Information and Computing Technology
572	Green IT Assessment Tool:Creation and Implementation in a Company	BSc (Hons) Information and Computing Technology
573	A Real Time Automated Snare Drum Treatment System - addressing the issue of ringing, un-tuned and un-dampened snares being captured by a microphone	BSc (Hons) Music Technology
574	A study of Annoyance Increase According to Low Frequency Noise	BSc (Hons) Music Technology
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576	A Study Of Automatic Genre Classification Of Piano Music	BSc (Hons) Music Technology
577	A study of tonal changes exhibited by a selection of period renaissance cornett mouthpieces through the medium of 3D printing	BSc (Hons) Music Technology
578	A study of tonal differences between different species of electric guitar body wood	BSc (Hons) Music Technology
579	A system which interprets facial expression to affect a generative musical piece	BSc (Hons) Music Technology
580	A tonal comparison between a valve amplifier and a range of virtual simulation amplifiers	BSc (Hons) Music Technology

581	An Automatic Equalisation Algorithm For Intelligent Music Production	BSc (Hons) Music Technology
582	An Exploration of Parametric Approaches to the Modelling of Acoustic Diffusion Surfaces	BSc (Hons) Music Technology
583	An investigation comparing the acoustical properties of a trombone as perceived by the player compared to the listener	BSc (Hons) Music Technology
584	An Investigation of Automated Methods to Improve the Acoustic Properties of an Existing Room	BSc (Hons) Music Technology
585	Applying Machine Learning to Granular Synthesis to Generate Realistic Instrument Sounds	BSc (Hons) Music Technology
586	Augmented Polyphonic Theremin	BSc (Hons) Music Technology
587	Can sustainable materials be used to acoustically treat a small volume space for professional use?	BSc (Hons) Music Technology
588	Comparing Methods of Impulse Response Capture while Developing a Third-Party Convolution Reverb Plugin	BSc (Hons) Music Technology
589	Design an acoustically treated classroom catered towards teaching students who have Autism Spectrum Disorder (ASD) in a higher education setting	BSc (Hons) Music Technology
590	Design and Build of a Wireless LiPo powered Electrostatic Headphone	BSc (Hons) Music Technology
591	Design and construction of a lowvoltage high-fidelity audio amplifier using subminiature pentode valves	BSc (Hons) Music Technology
592	Design of a Retrofitting Ergonomic Modular Trumpet Augmentation System	BSc (Hons) Music Technology
593	Designing, Building and Testing a Mid/Side Configured Microphone	BSc (Hons) Music Technology
594	Designing, Constructing, and Testing a Pair of Wireless Electrostatic Headphones	BSc (Hons) Music Technology
595	Determination of Latencies between Multiple Channels of Snare Drum Audio, using Delay Estimation	BSc (Hons) Music Technology

596	Developing a System for Classifying Sub-Genres of Drum and Bass	BSc (Hons) Music Technology
597	Development and Analysis of an Automatic EQ System with Dynamic DSP Effects in Max	BSc (Hons) Music Technology
598	Development of Physical Combat Punch Synthesiser Prototype	BSc (Hons) Music Technology
599	Development of Physical Combat Punch Synthesiser Prototype	BSc (Hons) Music Technology
600	Do the Temporal and Spectral Elements of Speech Influence Short-Term Memory?	BSc (Hons) Music Technology
601	High SPL Ribbon Microphone	BSc (Hons) Music Technology
602	Identification of the vocal properties that correlate with the speaker's age	BSc (Hons) Music Technology
613	Identification of the vocal properties that correlate with the speaker's age	BSc (Hons) Music Technology
603	Improving the Acoustic Suitability of a Classroom Environment in order to Support Hearing Impaired Students in Mainstream Education	BSc (Hons) Music Technology
604	Investigating the Acoustic Properties of the Palace Theatre, Redditch	BSc (Hons) Music Technology
605	Investigating the Relationship Between Price and Audible Quality of Commercial Standard Headphones	BSc (Hons) Music Technology
606	Investigation into New Mix Referencing Platforms Based on Common Listening Environments and Devices	BSc (Hons) Music Technology
607	Investigation into the Design and Construction of Optical Guitar Pickups	BSc (Hons) Music Technology
608	Localisation through Bone Conduction Audio	BSc (Hons) Music Technology
609	Optimal Acoustic Treatment Design for Speech Intelligibility in Office Conference Rooms	BSc (Hons) Music Technology
610	Performing with Software for Live Electro-Acoustic Music Performance A Desktop Software Usability Study	BSc (Hons) Music Technology
611	Predicting Valence-Arousal Values in Western Music with Epsilon Support Vector Regression	BSc (Hons) Music Technology

614	The Conceptualisation, Build & Testing of an Original Electric Guitar Pickup Design	BSc (Hons) Music Technology
615	The Design and Construction of Remotely Adjustable Microphone Stands for Professional Audio Applications	BSc (Hons) Music Technology
616	The design and development of a digital effects unit for the Raspberry Pi computer platform	BSc (Hons) Music Technology
617	The development and testing of an initial mixing approach utilising acoustic calibration tools and techniques	BSc (Hons) Music Technology
618	The development of an interactive music tool with technical visual aids to assist with the recall of melody	BSc (Hons) Music Technology
619	The Effects of Microphone Height on Drum Overhead Recordings	BSc (Hons) Music Technology
620	The Necessity of Accurate Acoustic Representation in Visual Media: A Psychoacoustic Study	BSc (Hons) Music Technology
621	The Necessity of Accurate Acoustic Representation in Visual Media: A Psychoacoustic Study	BSc (Hons) Music Technology
622	The Prevention of Tinnitus, Hearing Loss and Other Hearing Disorders with Custom Ear Protection that Provides Clean Transference of Frequencies	BSc (Hons) Music Technology
623	The study, design and construction of an alternative user interface for guitar pedals using trackball technology	BSc (Hons) Music Technology
612	To test and acoustically treat the Birmingham Conservatoire's East Side Jazz Club Acoustics	BSc (Hons) Music Technology
624	To test and acoustically treat the Birmingham Conservatoire's East Side Jazz Club Acoustics	BSc (Hons) Music Technology
625	Translating 5.1 Surround Sound to Binaural 3-Dimensional Audio for Virtual Reality Simulator	BSc (Hons) Music Technology

626	Next-Generation Antivirus Vs. Traditional Antivirus	BSc (Hons) School of Computing and Digital Technology
627	Mood Classification in Film Music	BSc (Hons) Sound Engineering & Production
629	A Music Recommendation System Design for Audio Assisted Studying Techniques	BSc (Hons) Sound Engineering and Production
630	A study into how the acoustic properties of electric guitar bodies affect the timbre of the instrument	BSc (Hons) Sound Engineering and Production
631	Acoustic Analysis and Creating an Image of Sound Absorption in an Empty Room	BSc (Hons) Sound Engineering and Production
632	An Analysis of Professional and Homemade Acoustic Material in Varied Environments	BSc (Hons) Sound Engineering and Production
633	An assessment of industry guidelines for recording acoustic guitars, with a focus on microphone positioning and microphone types	BSc (Hons) Sound Engineering and Production
634	Analyse the tonal characteristics of a collapsible double bass compared with that of a classical double bass	BSc (Hons) Sound Engineering and Production
635	Analysing Sound Localisation in a Virtual Environment to Aid the Visually Impaired	BSc (Hons) Sound Engineering and Production
636	Application of ballistic gel head as a human skull replacement for bone conduction	BSc (Hons) Sound Engineering and Production
637	Are Non-Individualised Head-Related Transfer Functions Able To Improve Immersiveness Of Concert Hall Recordings For Headphone Listening	BSc (Hons) Sound Engineering and Production
638	Audio Synthesis in AR Systems	BSc (Hons) Sound Engineering and Production
639	Bilingual End-to-End Deep Learning Speech Recognition System	BSc (Hons) Sound Engineering and Production

640	Can Pure Tone Attenuation be Used in Ear Plugs to Protect the Ear From Train Noise?	BSc (Hons) Sound Engineering and Production
641	Civico Remote Attendance: Teleconferencing Web Application For Local Governments	BSc (Hons) Sound Engineering and Production
642	Comparing different methods of system optimisation for use in a live sound environment and identifying a preferred method	BSc (Hons) Sound Engineering and Production
643	Construction, Analysis and Comparison of an Analog Dual Hard-Clipping Distortion Unit for Electric Guitar	BSc (Hons) Sound Engineering and Production
644	Dante Over the Internet: Using Dante to Transmit Lossless Audio for Remote Music Rehearsals	BSc (Hons) Sound Engineering and Production
645	Designing a Versatile Solution to Acoustic Issues in Small Spaces Through Variable Acoustic Treatment	BSc (Hons) Sound Engineering and Production
646	Designing Optical Pickups for Bass Guitar	BSc (Hons) Sound Engineering and Production
647	Developing a Parameter Mapping System for Distortion Effects Using Machine Learning Algorithms	BSc (Hons) Sound Engineering and Production
628	Developing a Realistic Synthesised Rain System with Procedural Parameters	BSc (Hons) Sound Engineering and Production
648	Development of an Audio Capture Solution for Downhill Mountain Bike Events suitable for Broadcast Systems	BSc (Hons) Sound Engineering and Production
649	Digital Filter Design Linear Phase vs Minimum Phase FIR	BSc (Hons) Sound Engineering and Production
650	Do Advertse Meteorolgical Conditions Determine the Outcome of Environment Noise Monitoring	BSc (Hons) Sound Engineering and Production
651	Does a Real-Life Reverberation Time Calculation Better a Computer-Generated One?	BSc (Hons) Sound Engineering and Production

652	Does Automatic Speech Recognition have a Place within Audio Mixing Applications?	BSc (Hons) Sound Engineering and Production
653	Exploring and developing the use of a vibrotactile device to convert audio signal into a touch sensory experience for the hearing impaired	BSc (Hons) Sound Engineering and Production
654	FIR and IIR Comparison	BSc (Hons) Sound Engineering and Production
655	How does the Bobbin material effect the tone of the Guitar Pickup?	BSc (Hons) Sound Engineering and Production
656	Immersive Virtual Reality Serious Game Prototype for Live Sound Training – Development Study	BSc (Hons) Sound Engineering and Production
657	Intelligibility of speech in a space vehicle during lift off	BSc (Hons) Sound Engineering and Production
658	Investigating the correlation between the thickness of absorptive acoustic treatment and the acoustic response of a small volume control room	BSc (Hons) Sound Engineering and Production
659	Investigating the suitability of airborne sound insulation descriptors to urban noise sources	BSc (Hons) Sound Engineering and Production
660	Keyword Spotting using a Convolution Neural Network: For Wellbeing Applications	BSc (Hons) Sound Engineering and Production
661	Matching the Perceived Loudness of Complex Sounds Using Dynamic Range Compression	BSc (Hons) Sound Engineering and Production
662	Mixing Studio Design and Construction	BSc (Hons) Sound Engineering and Production
663	Music classification of songs of different genres	BSc (Hons) Sound Engineering and Production
664	Musical Instrument Classification Using Multi-track Recording Data and Retraining	BSc (Hons) Sound Engineering and Production

665	Noise response in different motorcycle helmets to reduce noise induced hearing loss	BSc (Hons) Sound Engineering and Production
666	Optimising Low Frequency Loudspeakers Using Reflex Loading Enclosures	BSc (Hons) Sound Engineering and Production
667	Optimising Sound Checks by Replicating Reverberation Properties	BSc (Hons) Sound Engineering and Production
668	Optimising Workflow Within Software Based Instruments	BSc (Hons) Sound Engineering and Production
669	Personalised system for automatic classification of vocal percussion sounds	BSc (Hons) Sound Engineering and Production
670	Phaser guitar effect design and digital modelling	BSc (Hons) Sound Engineering and Production
671	Real-time translation device	BSc (Hons) Sound Engineering and Production
672	Report on the construction and acoustic testing of an aluminium acoustic guitar	BSc (Hons) Sound Engineering and Production
673	Reverberation and Treatment of Small Concert Hall Acoustics	BSc (Hons) Sound Engineering and Production
674	Sound classification of natural and artificial audio	BSc (Hons) Sound Engineering and Production
675	Spatial Analysis for Binaural Recordings of Multi-channel Audio Speaker Arrays	BSc (Hons) Sound Engineering and Production
676	Style Transfer for Audio and its Effectiveness in Mixing Assistance	BSc (Hons) Sound Engineering and Production
677	Subjective and Objective Assessment of NMF Based Informed Source Separation Methods	BSc (Hons) Sound Engineering and Production

678	The Acoustic Build and Comparison of Two Different Styles of Cajon	BSc (Hons) Sound Engineering and Production
679	The auditory masking of urban traffic noise using filtered white noise systems and water features	BSc (Hons) Sound Engineering and Production
680	The Comparison and Difference of Acoustic Properties between Handmade and Factory made Acoustic Guitars	BSc (Hons) Sound Engineering and Production
681	The design of discrete drive circuits for a spring reverb system and their resultant effect on the output	BSc (Hons) Sound Engineering and Production
682	The use Helmholtz Resonators an acoustic solution for party walls in semi-detached housing	BSc (Hons) Sound Engineering and Production
683	Voice Recognition System (VRS)	MEng (Hons) Electronic Engineering
684	An Investigation Into Game Graphics Rendering Over A Local Area Network	Miscellaneous
685	Design and manufacture of a bamboo bicycle frame	Miscellaneous
686	Developing A Method To Investigate & Explore The Relationship Between Health And Exercise, Through Appropriate Data Analytics	Miscellaneous
687	Healthcare Project Information Network System	Miscellaneous
688	Integration Of Voice Assistants In Virtual Reality Simulations	Miscellaneous
689	Real-time Collection Of Network Status Data For Central Controller In A Multi-Rat In-Building Environment	Miscellaneous
690	Sensor and Sensor Networks For Automatic Vehicle Application	Miscellaneous
691	Spherical rolling robot	Miscellaneous
692	Touch Sensors	Miscellaneous
693	Comparative Analysis of Common WSN Routing Protocols PEGASIS and EESAA	MSc (Int. masters) Computer Networks and Security

694	Data Acquisition Techniques and Processing for Big Data (Using Temperature Sensor for Environmental Monitoring)	Projects
695	Design of an Electric in Wheel Motor Hub with Regenerative Braking	Projects
696	Design of very stiff membrane structures to reduce weight in load bearing applications	Projects
697	Design, Optimisation and Implementation of an LED Low & High Beam Within a Car Headlight	Projects
698	Energy Recovery System for Heavy Vehicles	Projects
699	Formula Student Intake System Optimisation	Projects
700	Implementation and optimisation of 4 wheel steering	Projects
701	Investigate smart sensor device and body sensor network for smart healthcare application	Projects
702	Investigating the suitability of making affordable bikes out of bamboo.	Projects
703	Optimisation of Injection Strategies on a Direct-Injection Diesel Engine Fuelled with Ethanol-Diesel Fuel Blends	Projects
704	Optimization of an Engine Block for A 3-Cylinder Engine With 610ccm Capacity	Projects
705	Comparative Study Between 3D Max And Maya For The Sculpting Of A Chinese Ancient Building	Projects
706	Pentagon!: Real-time E-Learning Platform	Projects
707	The impact of colour on viewer perception in We media video production	Projects