



EDUCATION

IMPERIAL COLLEGE LONDON, UNITED KINGDOM - MSC COMPUTING (SOFTWARE ENGINEERING)	OCT 2021- OCT 2022
• Key modules include Computer Vision, App Development Group Project, Software Engineering for Industry	
UNIVERSITY OF NOTTINGHAM, UNITED KINGDOM - BSC COMPUTER SCIENCE	SEPT 2018- JUL 2021
• Key modules include Data Structures, Algorithms, Databases and Interfaces, Mobile Device Programming • Ranked top 10 in my cohort (200+ students). Achieving an overall grade of 84% (First Class Honours). • Undertook a semester exchange program as part of my degree at McGill University, obtaining an average of 4.0 GPA.	
BISHOPSHALT SCHOOL, UNITED KINGDOM - HIGHSCHOOL	JUN 2010- SEPT 2017
• A-Levels: A*A*A* in Computer Science, Mathematics, Physics. Achieved an A in AS Further Mathematics. • GCSE's: 5A*'s, 4A's, 2B's	

NOTABLE PROJECTS

FUELOPT: OPTIMIZING YOUR FUEL FILLING JOURNEYS	SEPT 2021- DEC 2021
• Develop professional UI using the Flutter UI kit which uses the Dart programming language for Android and iOS devices. The UI is able to communicate with an external API that I created using the Django Python framework.	
• Utilised docker to containerize the API and MariaDB database and enforced relevant security features to prevent unauthorised access.	
• Created a professional app which displays the most eco-friendly and price efficient route towards a fuel station.	
RUNAPP: FITNESS TRACKER	DEC 2020- JAN 2021
• Developed a fitness tracker Android app written in Java . Users are able to track their runs, view insights regarding their fitness, post their runs on a public feed and compare their runs with people in their local area.	
• Produced elegant UI compatible for different screen sizes using active listeners to update the UI when the screen rotates / the database changes.	
• Awarded the highest mark (84%) out of 115 student projects.	
MANAGE MY STUDIES (manage-my-studies.com)	JUN 2020- SEPT 2020
• Developed a web app using the Django framework in Python and HTML , Javascript , CSS and JQuery to organise personal and work-life.	
• Includes Google Calendar API integration and the ability to merge lecture notes into a summarised PDF format.	
• More than 200+ users have created an account, with many of these users actively using the website.	

EMPLOYMENT

IBM, UNITED KINGDOM - EXTREME BLUE TECHNICAL INTERN	JUN 2021- SEPT 2021
• Create a web application using the Django Python framework to enhance the visitor experience for Hursley Museum and allowing curators to maintain the relevance of the museum. Wrote the UI using HTML , Javascript , CSS and JQuery , as well as using MagicScroll to create a parallax effect.	
• Developed an intellectual chatbot using IBM Watson Assistant and Node-Red to retrieve answers to customer queries from the PostgreSQL database and also using AR.js to display interesting visual experiences.	
• Deploy the web app on IBM Cloud using Cloud Foundry . Created a delivery pipeline to update the public website.	
• Project to be continued by another team, with the plan of expanding the app to different museums and the IBM HQ.	
BETHEBES, UNITED KINGDOM - APP DEVELOPER INTERN	MAR 2021- APR 2021
• Developed a bartering web app using the Django Python framework for backend and HTML , CSS , and JavaScript for the frontend. Users are able to create proposals for services they require, and others can send requests.	
• Implemented a blog interface and well as a messaging system to allow companies and users to promote their work.	
• Deployed the app using VPS servers , using a Linux OS .	
TRIMCRAFT, UNITED KINGDOM - E-COMMERCE DEVELOPER INTERN	JUNE 2019- SEPT 2019
• Create a blueprint plan to develop an ecommerce website used by the company to launch their store.	
• Create pages on Shopify and Magento, using MySQL , PHP , HTML and CSS during the process.	

OTHER

ACHIEVEMENTS	
• Undergraduate Achievement Award (2021, 2020, 2019), 2nd place in Talent Hack (2020), Outstanding Volunteer Award (2019), 2nd place in Nottingham Programming Contest (2019), Best A-Level Results (2017)	
HOBBIEST / SOCIETIES	

Award winning BUCS Dodgeball player, Halls Events Coordinator, Homeless Charity (Souprunners) Coordinator, Ukelele

TECHNICAL ACHIEVEMENTS

PROGRAMMING LANGUAGES - Java, Python, C#, Javascript (Intermediate), C, C++, (Proficient), Haskell, OCAML (Basic)
TOOLS & TECHNOLOGIES - Swift, Unity, IBM Watson, Machine Learning, OCR, Face recognition, Django, PHP, SQL, React, CSS, HTML, Mobile Dev

