



EDUCATION

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| 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

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| FUELOPT: OPTIMIZING YOUR FUEL FILLING JOURNEYS | SEPT 2021 - DEC 2021 |
| • Led a team of students to create a unique app for the fuel industry market by designing and collaborating with existing employers in the industry. • Develop a 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 whilst enforcing relevant security features to prevent unauthorised access. | |
| 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. • Produce 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 |
| • Develop 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 to improve user experience whilst revising. • More than 200+ users have created an account, with many of these users actively using the website. | |

EMPLOYMENT

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| IBM, UNITED KINGDOM - EXTREME BLUE TECHNICAL INTERN | JUN 2021 - SEPT 2021 |
| • Collaborate with a team of interns to 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. Regularly presented our progress to our clients during weekly playbacks. • Develop UI using HTML , Javascript , CSS and JQuery , as well as using MagicScroll and AR.js to display interesting visual experiences. Built an intellectual chatbot using IBM Watson Assistant and Node-Red to retrieve answers to customer queries from the PostgreSQL database . • 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 for different museums and the IBM HQ. | |
| BETHEBEEZ, UNITED KINGDOM - APP DEVELOPER INTERN | MAR 2021 - APR 2021 |
| • Implemented 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 by analysing the competitor market. • Create pages on Shopify and Magento, using MySQL , PHP , HTML and CSS during the process. | |

OTHER

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| 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). | |
| HOBBIES / SOCIETIES | |
| • Award winning BUCS Dodgeball player, Halls Events Coordinator, Homeless Charity (Souprunners) Coordinator, Regularly practicing the Ukelele. | |

TECHNICAL ACHIEVEMENTS

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| 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. |

NEXT EPISODE: Why Spotify? [<https://nad-podcast.vercel.app/>]

Nadim's Application: The Podcast

