



EDUCATION

The University of Manchester | BSc Computer Science with IE (First Class 87.4%)

2019 – 2023

- Developed an iOS app to track posture using accelerometer data from headphones
- Finetuned LLMs to generate moral judgements for ethical dilemmas
- Awarded **Kilburn Scholarship** for top achieving students

Beauchamp College | A-levels

2016 – 2018

- A-Levels: **A*A*A*** Mathematics, Chemistry and Biology



EXPERIENCE

Amazon | Software Engineer at Alexa Shopping

Sep 2023 – Present

- Developing new experiences for Alexa customers
- Integrating state of the art technology into Alexa experiences
- Kotlin, Java, AWS

Google | Software Engineering Intern at Google Fitbit

Jun 2022 – Sep 2022

- Learned Swift and SwiftUI to develop the badges feature in the Fitbit iOS app
- Integrated the full stack experience of badges
- Presented a demo of the feature to stakeholders
- Swift, SwiftUI, XCode, Figma

Amazon | Software Engineering Intern at Alexa Shopping

Jul 2021 – Jun 2022

- Constructed design documents for a project to meet stakeholder requirements
- Built MLP for automation tool to prevent sub optimal customer experience
- Presented a demo of the tool to customers and stakeholders
- Spearheaded the deployment and integration of the tool to the workflow
- Python, Esprima, Nltk, Regex, AWS, Pytest



PROJECTS

Target Acquired, Group Project | Sep 2019 – May 2020

- Created a queuing application for student labs at the university
- Chaired and organised meetings for a team of students
- Designed and built the web application with HTML, CSS, JavaScript, Django, SQLite

Spam Detector, Individual Project | Feb 2020 – May 2020

- Used machine learning to train a model to detect spam messages (Pandas, NumPy)
- Achieved a 97% accuracy of detecting spam messages



ACTIVITIES

Pass Leader (Volunteer) | Mar 2020 – June 2021

- Supported 14 first year students in their university life, through weekly sessions
- Undertook training sessions to develop leadership, mentoring and communication skills

Interests

- Hackathons (GreatUniHack, Alexa Shopping hackathon), fitness (gym training) and hiking