

Curriculum Vitae

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Relevant Experience

- Spent 2 months interning for environmental start-up Sinai Technologies. Contributed to codebase, built, tested and added functionality to different emission calculating models as well as familiarising myself with tools useful for company workflow.
- Volunteered as a GCSE coach for two students from disadvantaged backgrounds over 10 weekly sessions. Organised the learning material and guided the 90-minute sessions independently. For this, awarded the Bronze Award in Student Leadership Accreditation by the SSAT.
- Graduate of The Intrapreneurs Club Software Development Accelerator Course.
- Proficient with key concepts such as OOP, GUI design, Machine Learning, Testing and Software Engineering.
- Coded Snake game in Python. Also, a blog using Django framework and SQLite database. Blog is online and capable of receiving, and storing data provided by an admin account. Both evident on my GitHub.

Education and Qualifications

University of Birmingham, Birmingham

2019-2022

Computer Science, BSc

- Scores in assessments include Functional Programming (90%), Systems Programming (70%), Team Project (69%)

Culford School, Bury St Edmunds

2017-2019

- A Levels: Maths (A), Physics (A), Spanish (A).
- Independent study: Impact of internet and potential futures of a world including Artificial Intelligence.

Culford School, Bury St Edmunds

2009-2017

- Nine GCSE's: four A*s, two As, one 8, one 6. Incl. Maths (A*), English Language (8), Physics (A*).

Java - Advanced

Haskell - Advanced

Linux OS - Advanced

Javascript - Competent

C - Advanced

Git - Advanced

Python - Competent

HTML/CSS - Competent

Positions of Responsibility

Vice President, Game of Thrones Society, University of Birmingham

2020-2021

Problem Solving

- Led society's risk assessment during coronavirus lockdown to ensure government guidelines were met and reduce negative impact of online events. Created a video with committee of four to replace interaction with first year students at Freshers' Fair and created engaging virtual events so that students could join from any location. Paid membership increased by +25% and online events were fully attended by all members.

Head of Edwards House and School Prefect, Culford School

2018-2019

Leadership

- Selected as one of 15 students to act as a liaison between Housemaster, matrons, staff and students. Organised rotas for cleaning the boarding house, public speaking at weekly Worship service, and providing prospective parents and students guided school tours. Mentored younger students and provided tools for them to take on public speaking and performance opportunities.

Entrepreneurial Skills

- House Charity Event:** Arranged first 12-hour Iron Man Challenge in aid of brain cancer research. Planned shifts between 60+ students, which included running, swimming, and biking to compete with World Champion Iron Man. Communicated between Sports Centre to book apparatus, students to get involved and teachers for the event to be successful. £630 raised from students.

Interests and Achievements

- National Citizenship Service award:** Completed Post-GCSEs. Raised money for local charity shop and created an awareness video for Cardiac Risk in The Young.
- Sport:** Represented Culford school in First XV Rugby team and Second XI Hockey team. Competed in University's Australian Rules Football Club in First Year.