

FERDINAND HUBBARD

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OBJECTIVE

I am a second year computer science student looking for a software engineering internship during the summer of 2023.

EDUCATION

Bachelor of Computer Science, University of Bristol Sep 2021 - June 2024

On track for a first class degree

First year average: 72.2%

A levels, Ampleforth College Sep 2016 - June 2021

Further Mathematics, Mathematics, Computer Science, Physics: A*, A*, A*, A

SKILLS

Programming languages: Python, C, Go, Java

Languages: Bilingual in English and French

EXPERIENCE

Teaching Assistant Sep 2022 - Current

University of Bristol

Bristol, UK

- I support the teaching of the first year computer science 'Imperative programming' unit.

Work Experience

Alterface

June 2020

Wavre, Belgium

- I worked on redesigning the company website and compared different website tools and software. By doing this I learned some key front-end development concepts, as well as how to structure a project report.

PROJECTS

Pregame analysis for video game 'League of Legends' (Python, Google Colab, TensorFlow): I collected and processed millions of pregame data to train a neural network (generated using a Bayesian optimization algorithm) to predict the outcome of a game.

Maths Toolkit (C++, JavaScript): I developed tool aimed at A-level Further Maths students to aid their learning of the Simplex algorithm, matrices and solving polynomials numerically.

Automatic eBay price analysis and comparison (Python): I wrote a python script that uses the EBay API to collect and sanitize data on sold and listed items, to determine the price history of an item and automatically add listings that meet a criteria to your watch-list.

Slingshot game (C#): I made a level-based mobile game using the Unity game engine.

EXTRA-CURRICULAR ACTIVITIES

Sports

I am an active member of the tennis and kickboxing societies at the university of bristol.

I also enjoy indoor climbing

Miscellaneous

I took part in a CTF organized by BAE Systems and the bristol computer science society.