FERDINAND HUBBARD

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OBJECTIVE

I am a third year computer science student looking for a software engineering internship during the summer of 2024.

EDUCATION

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

A levels, Ampleforth College   September 2016 - June 2021
Further Mathematics, Mathematics, Computer Science, Physics: A*, A*, A*, A

SKILLS

Programming languages: C++, C, Python, Go
Languages: Bilingual in English and French

EXPERIENCE

Software Engineering intern   June 2023 - August 2023
FN Herstal   *Herstal, Belgium*

- I worked on internal tools to automate the code review process.

Teaching Assistant   September 2022 - June 2023
University of Bristol   *Bristol, UK*

- I supported the teaching of the first year computer science 'Imperative programming' and 'Mathematics B' units.

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.