

FERDINAND HUBBARD

+32 479 820 811 ◇ Bristol, UK

ej21378@bristol.ac.uk ◇ <https://www.linkedin.com/in/ferdinand-hubbard/>

OBJECTIVE

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

EDUCATION

Meng Computer Science, University of Bristol

September 2021 - June 2025

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

Lecture Analyser

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.

Composite design tools My team and I worked with the Imperial university material science departement to develop a webapp that packaged compressive strength formulas into models. These models were then used to plot graphs such that meaningful conclusions could be drawn from them.

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.