Christopher D. W. Upham

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Education

MSc Computing With Placement — Cardiff University
- September 2023 - Present
- **Relevant Modules being undertaken**: Fundamentals of Programming, Software Engineering and Computational Thinking
- **Modules to be taken**: Algorithms, Data Structures And Programming, Topics, Research And Skills In Computing and Social Computing.

BSc Information Communication Technology — University of South Wales
- September 2020 - June 2023
- Achieved: **2:1**, Upper Second Class Honours.
- **Relevant Modules**: Computer Programming, Designing and Implementing Interactive Systems, Advanced Computer Networking and Advanced Databases and Modelling.

A-Levels — The John Frost School, Newport
- September 2018 - September 2019
- **A-Levels**: Information Communication Technology, English Language and Welsh Baccalaureate.

GCSEs — The John Frost School, Newport
- September 2015 - September 2017
- **GCSEs**: 10 GCSEs (B-C) including English, Maths and Science

Work Experience

Placement, University of South Wales IT Services
- September 2021 - June 2022
- Provided feedback on and collaborated with the University of South Wales' to help discuss changes to the front-end, which would increase ease of use and accessibility for both students and lecturers.
- Discussed and liaised with the University of South Wales within a team online, meetings were held bi-weekly and provided insights into how teams collaborate online.

Skills

Programming
- Created many programming projects which are hosted on GitHub in a mixture of both public and private repositories. These projects include that of web scrapers and Discord bots written in Python, and a rewriting of the "ls" Unix commandline tool in C.
- Skills picked up during Undergraduate course include that of R for statistical analysis and C#.

Server Administration
- Discord chat bots, and other such long-running applications are self-hosted on Raspberry Pis running Raspbian. These offer the chance to get involved with server administration. The chat bots are used in private servers for friends.

Interests

- **Programming** - GitHub contains a collection of both public and private personal projects, written in a wide range of languages.

- **Reading** - Enjoy reading both fiction and non-fiction books, a part of a small reading group with friends.

- **Creating** - Enjoy engaging in creative activities such as drawing and DIY projects such as DIY electronics.