

Alex Davis

Computer Science Student and Software Engineer

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👤 Summary

I'm a Software Engineer / Computer Science student at The University of Edinburgh. I'm liable to take an interest in almost anything, but I've got a particular interest in Python and sysadmin work.

👜 Experience

Volunteer Admin

September 2024 - Ongoing

The Tardis Project, Edinburgh, Scotland, United Kingdom

- ▶ During my time at university I've been volunteering with the Tardis Project, a student-led group that provides computing services and support for students looking to learn and practice sysadmin skills in a production-like environment.
- ▶ This has involved familiarising myself with production environments in order to provide ongoing support.
- ▶ I have also had the opportunity to run a workshop on using Docker as part of my volunteering

Tech Scholar

September 2023 - July 2024 (11 months)

Cambridge Consultants, Cambridge, England, United Kingdom

- ▶ I worked during my gap year as a Tech Scholar in the Software group on a variety of projects - getting to work with VR simulation, closed-loop environmental control/monitoring, systems administration and web apps.
- ▶ I also developed a variety of soft skills, including teamwork, document writing and presentation skills.
- ▶ I participated in the internal Tech Scholar Project competition, for which my team won "Best Presentation".
- ▶ Additionally, I volunteered for CC at the Hills Road Careers Fair and was able to speak to students about taking a gap year in industry.

Work Experience

1 Week in August 2022

Dogtooth Technologies, Melbourn, England, United Kingdom

- ▶ I spent a week helping out at Dogtooth, and gained insights into a professional working environment and problems faced in industry.

🎓 Education

BSC(Hons) Computer Science - Ongoing

2024 - 2028

The University of Edinburgh, Edinburgh, Scotland, United Kingdom

- ▶ **Optional Modules:** Introduction to Data Science, Cognitive Science
- ▶ **Extracurriculars:** Member of CompSoc, GEAS, and The Tardis Project

A Levels

2021 - 2023

Hills Road Sixth Form College, Cambridge, England, United Kingdom

- ▶ **Grades:** Computer Science A*, Maths: A*, History: A*
- ▶ **Extracurriculars:** Helped run the Tabletop Games Society

⚙️ Skills

Programming languages

Python

Javascript

C#

Haskell

DevOps

Docker

Gitlab

Databases

Cloud

Hardware

ADB

I2C

Feedback

Tools

Git

MS Office

🧠 Personal Skills

- ▶ Analytical thinking
- ▶ Public speaking
- ▶ Learning new systems
- ▶ Communication
- ▶ Team Work
- ▶ Research
- ▶ Project management

🔗 Projects

Self Hosting

Variety of self-hosted web apps, including a recipe database and Foundry VTT.

Social Media Bots

Several bots for the social media platform Discord