

Alex Davis

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👤 Summary

I'm a Software Engineer / Computer Science student at The University of Edinburgh. I'm always enthusiastic about discovering new areas, 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.
- ▶ As part of outreach for the project, I have run a workshop for students on using Docker

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 number 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 project team won "Best Presentation".
- ▶ Additionally, I volunteered for Cambridge Consultants 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(Tabletop Games Society), and The Tardis Project

A Levels

2021 - 2023

⚙ Skills

Programming languages

Python

Javascript

C#

Haskell

DevOPS

Docker

Gitlab

Databases

Cloud

Hardware

ADB

I2C

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.

Recipe Recommender

A-Level NEA project to create a website able to recommend recipes from ingredients.

Social Media Bots

Several bots for the social medial platform Discord, providing various features for servers.

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

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