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 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.
- I have run a workshop on using Docker as part of this.

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 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(Tabletop Games Society), 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

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 medial platform Discord