

# 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.
- 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

*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.

### 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.