

Elliott Ashby

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EDUCATION

University of Southampton

2021 — 2026

Master of Physics

Southampton, UK

With a focus in Quantum Computation and Information and dissertation project on Quantum Computation of Quantum Systems.

The Judd School

2019 — 2021

A levels

Tonbridge, UK

- Physics (A), Music (A), Maths (B), Economics (B)

WORK EXPERIENCE

Home Server Design and Deployment

April 2025 — July 2025

Self Employed

Sevenoaks, UK

- Procured and assembled hardware
- Configured and deployed Linux-based TrueNAS system with ZFS
- Used Docker for application deployment
- Data transfer and recovery testing

Intern, UK Tech Start-Up for Passenger Assistance Solutions

May 2024 — Sep 2024

Transreport Japan K.K.

Tokyo/Osaka, Japan

- Supported Japanese team for expansion of the Passenger Assistance Product to Japanese rail operators
- Industry Research on Japanese rail companies
- Translation (English / Japanese)
- Client engagement and Event Planning
- Strategy Consultation on requirements for the Japanese market
- Client Communication

Personal GCSE and A level Physics and Chemistry Tutor

2021 — Current

Self Employed

11+ Exam Tutor

2021

Peasy Learning

Sevenoaks, UK

- Contracted tutor for 11+ students aged 9 to 10

Database developer, analyst and admin

2019 — Aug 2022

Perscitus LLP

London, UK

- Analysis of requirements for tracking multi-million-pound medical research charitable grants
- Built with Azure SQL Database back-end and Access forms for data entry front-end
- On-going management, maintenance and refinement

Scout Leader

2017 — Current

Scout Association

Sevenoaks, UK

- Volunteer as a scout leader for young people aged 10 to 14.
- Received formal training in First Aid, Safeguarding and General Data Protection Regulations.

QUALIFICATIONS

Duke of Edinburgh's Award, The Duke of Edinburgh's Award

Music Grades, ABRSM, Trinity

- Gold Award

- Clarinet (8), Saxophone (8), Piano (6), Music Theory (5)

UK Driving Licence, DVLA

Disclosure and Barring Service, Home Office of the UK

- Enhanced Certificate

SKILLS

- **Computing:** Git, UNIX, Linux, Docker, NGINX, Python, Rust, SQL, Bash, Excel, LaTeX/Typst
- **Analysis:** Data Science and Analysis, Statistics, Python: Pandas, Numpy, Scipy, Matplotlib
- **Japanese:** Fluent

HOBBIES & INTERESTS

- **Technology:** PC building, Programming, Linux
- **Music:** Clarinet, Saxophone, Piano, Bass
- **Science:** Quantum Mechanics, Quantum Computing

- **Games:** Tabletop Role-playing Games Play and Design
- **Politics & Economics:** Current Events, Economic Theory, Infrastructure