

# Elliott Ashby

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## EDUCATION

<b>University of Southampton</b> <i>Master of Physics</i> With a focus in Quantum Computation and Information and dissertation project on Quantum Computation of Quantum Systems.	2021 — 2026 <i>Southampton, UK</i>
<b>The Judd School</b> <i>A levels</i> <ul style="list-style-type: none"><li>Physics (A), Music (A), Maths (B), Economics (B)</li></ul>	2019 — 2021 <i>Tonbridge, UK</i>

## WORK EXPERIENCE

<b>Home Server Design and Deployment</b> Self Employed <ul style="list-style-type: none"><li>Procured and assembled hardware</li><li>Configured and deployed Linux-based TrueNAS system with ZFS</li><li>Used Docker for application deployment</li><li>Data transfer and recovery testing</li></ul>	April 2025 — July 2025 <i>Sevenoaks, UK</i>
<b>Intern, UK Tech Start-Up for Passenger Assistance Solutions</b> Transreport Japan K.K. <ul style="list-style-type: none"><li>Supported Japanese team for expansion of the Passenger Assistance Product to Japanese rail operators</li><li>Industry Research on Japanese rail companies</li><li>Translation (English / Japanese)</li><li>Client engagement and Event Planning</li><li>Strategy Consultation on requirements for the Japanese market</li><li>Client Communication</li></ul>	May 2024 — Sep 2024 <i>Tokyo/Osaka, Japan</i>
<b>Personal GCSE and A level Physics and Chemistry Tutor</b> Self Employed	2021 — Current
<b>11+ Exam Tutor</b> Peasy Learning <ul style="list-style-type: none"><li>Contracted tutor for 11+ students aged 9 to 10</li></ul>	2021 <i>Sevenoaks, UK</i>
<b>Database developer, analyst and admin</b> Perscitus LLP <ul style="list-style-type: none"><li>Analysis of requirements for tracking multi-million-pound medical research charitable grants</li><li>Built with Azure SQL Database back-end and Access forms for data entry front-end</li><li>On-going management, maintenance and refinement</li></ul>	2019 — Aug 2022 <i>London, UK</i>
<b>Scout Leader</b> Scout Association <ul style="list-style-type: none"><li>Volunteer as a scout leader for young people aged 10 to 14.</li><li>Received formal training in First Aid, Safeguarding and General Data Protection Regulations.</li></ul>	2017 — Current <i>Sevenoaks, UK</i>

## QUALIFICATIONS

<b>Duke of Edinburgh's Award</b> , The Duke of Edinburgh's Award <ul style="list-style-type: none"><li>Gold Award</li></ul>	<b>Music Grades</b> , ABRSM, Trinity <ul style="list-style-type: none"><li>Clarinet (8), Saxophone (8), Piano (6), Music Theory (5)</li></ul>
<b>UK Driving Licence</b> , DVLA	<b>Disclosure and Barring Service</b> , Home Office of the UK <ul style="list-style-type: none"><li>Enhanced Certificate</li></ul>

## 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