Campbell Joseph Falconer Swan

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Professional Summary:

Aspiring software developer and technology enthusiast experienced a growing focus on the backend and dev/ops fields off technology. Took part in the IEUK 2025 internship experience organised by bright network to gain further insights and experience in the UK technology sector from this I am invigorated to further explore the combination off my technical foundation with new and industry relevant experience in junior roles.

Education:

BSc (Hons) Software Development | **Glasgow Caledonian University** | Expected Graduation: 2027
- **Average Marks**: Year 1 - **2.1** (66% Average), Year 2 - **First** (76% Average)
- **Relevant Modules:** Fundamentals of Networking and Cloud Computing, Software Processes and Practice, Database Development, Programming 2
- **Society's:** Esports, Computing

Lanark Grammar School | 04/2017 - 08/2023
- **Advanced Highers**: Computer Science, Physics.
- **Highers**: Chemistry, Design and Manufacturing, Maths, English

Experience:

Student Ambassador | Glasgow Caledonian University Aug 2025 – Present:
- Served as a point of contact for students and visitors, while working as a group providing basic helpdesk support and resolving general inquiries as well as offering clear and accurate directions around campus, ensuring a welcoming and helpful experience.

IEUK 2025 | Bright Network 2025-2025:
- Took initiative to further develop relevant skills in the technology sector such as data analysis and visualisation and communication in addition to gaining insight into the technology industry.

Scouting | Scouts: 2012-2023:
- Held multiple leadership roles across different levels of scouting, demonstrating adaptability and responsibility.
- Organised and led groups within camps, expeditions, and team projects, ensuring safety, teamwork, and goal achievement.

Projects:

https://github.com/CSwan300

Portfolio | 2025 | https://campbellswan.vercel.app/
- Built a responsive personal portfolio using React, Vite, and Tailwind CSS.
- Configured CI/CD with GitHub Actions for automated builds and deployed the site to Vercel.
- Demonstrated skills in modern frontend development, static site deployment, and cloud hosting.

Job Seeker Website | 2025 **|** Coursework (71% against marking scheme)
- Developed mobile responsive job search portal using vanilla JavaScript that integrates LMIFORALL API to fetch/display dynamic listings and allow the user to expand on further details.
- Engineered interactive UI with HTML5/CSS3 featuring keyword search, job detail modals, and mobile-first design methodology.

Python Data Project | 2025 | IEUK 2025 Project
- Built with Python using matplotlib for data visualization, requests for log retrieval, and re/datetime for parsing, with statistical analysis powered by collections. Counter to detect anomalies like high-frequency IPs, slow responses, and suspicious paths.
- Structured as a two-pass analyser (IP counting --> full analysis) with bot detection heuristics, error classification (4xx/5xx), and automated reporting.
- Used Docker for containerisation to ensure it could run on any system

Skills:

- **Languages:** Python, Java, JavaScript, HTML/CSS, SQL.
- **Development:** OOP, Debugging, Agile/Scrum, Version Control (Git).
- **Soft Skills:** Team Leadership, Problem-Solving, Adaptability, Patience, Communication, Resilience.
- **Tools:** VS Code, Microsoft Office Suite, JetBrains IDEs, GitHub, Docker.

Licenses | Full UK Driver's License.
References | Provided upon request.
Hobbies & Interests | Golf, Chess, Tennis, AI, Quantum Computing.