

Will Murphy

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EDUCATION

- **University of Glasgow** Glasgow, Scotland
BSc (Hons) + MSci (Faster Route) in Computing Science September 2022 - June 2026
 - **Grade:** Predicted First Class
 - **Relevant modules:** Object Oriented Software Engineering, Database Systems, Cloud Computing, Networks and Operating Systems, Cyber Security, Functional Programming
- **Simon Langton Grammar School for Boys** Canterbury, England
A-Levels in Computing Science, Maths and German + GCSEs September 2015 - June 2022
 - **A-Level Grades:** A, A, A*
 - **GCSE Grades:** Average A* across all 11 courses

EXPERIENCE

- **Glasgow University Software Service** Remote
Software Engineer February 2024 - Present
 - **Agile Methodology:** Working in a team of developers with monthly sprints and frequent standup meetings
 - **CI/CD:** Maintaining continuous integration and deployment pipelines to ensure efficient and reliable software delivery
 - **APIs:** Designing, building, and testing robust APIs to facilitate seamless cross-service communication and ensure scalability
 - **React & Django:** Full-stack development integrating responsive front-end functionality with efficient back-end processing
- **Assured Insights** Remote
Software Engineer + Web Development Intern July 2024 - September 2024
 - **Figma:** Creating interactive and user-friendly prototypes to visualise and refine design concepts before development
 - **Idea Presentation:** Presenting innovative ideas through engaging visuals and clear communication to company executives
 - **Responsive Design:** Implementing modern & versatile web layouts that ensure seamless experiences across various devices
- **AccessFintech** Glasgow, Scotland
Summer Work Experience September 2023
 - **Start-up Mentality:** Embracing a proactive, flexible approach to problem-solving and collaboration, focusing on innovation and rapid execution in a dynamic work environment
 - **Professional Skills:** Focusing on learning business conduct, organisational workflows, and industry best practices to effectively navigate and contribute to a dynamic work environment
- **Freelance Business** Remote
Video Editor 2017-2022
 - **Project Management:** Developing skills in planning, coordinating, and executing projects, ensuring efficient use of resources and timely delivery while adapting to changing requirements
 - **Client Collaboration:** Building strong partnerships with clients through clear communication, understanding their needs, and delivering tailored solutions to drive mutual success

PROJECTS

More information on me and my projects as well as the link to my GitHub can be found on my website: w-murphy.com

- **AutoAssign**
React, Next.js, Supabase, TailwindCSS
 - An online coding assignment automated marking platform with a competitive element designed to help educators delivering computing science related courses.
- **Music Journalist's Personal Blog**
Svelte, SvelteKit, Typescript
 - A blog and personal portfolio for a music journalist client with live show and album review sections. Features include a sleek design with many interactive and animated elements.
- **Solar System Simulation**
Python
 - An educational tool designed for GCSE Physics students. Intended to supplement lessons about the solar system, introducing an interactive element and enhancing the learning experience.

TECHNICAL SKILLS, ACTIVITIES AND MORE

Languages and Frameworks: React, Next.js, Typescript, Java, Python, Javascript, Svelte, C++, SQL, Django

Developer Tools: Git, Docker, Jupyter Notebook, JUnit, Unix, JetBrains Suite

Activities: Hiking, Climbing, Cycling, Piano

Other: Fluent in German