Jackson Dam

+44 (0) 7478 925157 | jacksondam@protonmail.com | linkedin.com/in/jacksondam | github.com/JacksonDam |
jacksondam.com

Flat 102G, 1 Clifton Place, Glasgow, G3 7LD

RELEVANT EXPERIENCE

University of Glasgow — Glasgow
Assistant Demonstrator — *September 2024 – March 2025*
- Provided 2 hours a week of help with lab exercise sheets to 65 students of Algorithms and Data Structures 2
- Delivered 1-to-1 clarification and explanation to help students understand questions and course material
- Previously demonstrated the Networks and Operating Systems 2 module for 58 students, 2 hours per week
- Ran a weekly drop-in session for 1 hour a week to help with all 2nd year modules (Java, discrete maths, OOP, networks/OS, algorithms and data structures, etc.)

Amazon — Cambridge
Software Dev Engineer Intern — *May 2024 – August 2024*
- Extended an internal React app to visualise heavily nested Alexa backend API responses
- Conducted careful requirements gathering and design documentation for a variety of teams and stakeholders
- Designed an LLM evaluation metric for Alexa and Alexa "experts", based on a semantic similarity model
- Integrated the metric as a new module in the team's evaluation framework, generating metrics 2x faster than existing tools, speeding up model iteration decisions
- Provided automated workflows for dataset preparation, tool configuration, and prompt generation

Decadecimal — Nottingham/Glasgow
Roblox Game Developer — *June 2018 – July 2025*
- Self-run freelance business, worked with Roblox-based clients to write Luau code for game project/task briefs
- Contributed to 700M+ play sessions on the platform
- Negotiated payment terms and met strict deadlines, providing regular detailed progress updates
- Provided occasional consultancy services (advice on quality of existing proposals)

VOLUNTARY EXPERIENCE

Glasgow University Tech Society — Glasgow
President — *Mar 2024 – April 2025*
- Elected to be public figurehead and leader of the society, closely collaborated with the board to plan 5 social events and 2 large hackathons, maintain relations with external sponsors, and attract new sponsors
- Conducted periodic data-gathering and response to feedback to keep in touch with members' views

Glasgow University Students' Representative Council — Glasgow
Class Representative — *Academic Years 2021–22, 2023–24, 2024–25*
- Served fellow Computing Science students by collating feedback in 1st year, 3rd year, and 4th year
- Communicated with and obtained responses from lecturers on teaching quality and other raised matters

COMPETITIVE PROGRAMMING/HACKATHON ACHIEVEMENTS

- 1st place team at JPMorganChase Code for Good 2024 (Glasgow, Playlist for Life charity)
- 2nd place team at Corgi AI hackathon (Y Combinator AI Startup School 2025)
- 2nd place team for GuitarGuitar challenge ("Do you have the GUTS?" hackathon 2023)
- 1st place team for Morgan Stanley challenge at Glasgow Uni Code Olympics 2021, 2nd overall team result

EDUCATION

University of Glasgow — Glasgow
BSc (Hons) Computing Science — *September 2021 – July 2025*
- Final year GPA: 20.3/22.0, Honours GPA: 19.9/22.0, Excellence Scholarship Recipient
- First Class Honours, prizes for best final project and for contribution to the School of Computing Science

TECHNICAL SKILLS

Programming languages: Java, Python, C, C++, JavaScript, TypeScript, Swift, SwiftUI, Lua/Luau, SQL
Others: HTML, CSS, Django framework, React framework, Vite, Next.js, Bash terminal, Git, writing unit tests (JUnit)