

Jackson Dam

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RELEVANT EXPERIENCE

Amazon

London

Software Dev Engineer

July 2025 – present

- Working with a great team to improve and maintain Amazon's primary product ingestion API and adjacent systems, for the world's largest product catalog
- Ramped up at a high pace, contributing 22 pull requests to 10 packages within the first 2 months of tenure, and matching the team's average ticket closure rate each week
- Played key role in Simmer, a prototype LLM-based software development assistant that started as a GenAI hackathon project, then gained leadership visibility for demonstrating potential utility for solving on-call tickets

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 related to Named Entity Resolution (NER) and knowledge extraction
- 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 product strategy consultancy services (documented advice on quality of existing proposals)

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
- 5th best individual HackerRank score at Glasgow Uni Code Olympics 2021 (only 1st year student in the top 10)

EDUCATION

University of Glasgow

Glasgow

BSc (Hons) Computing Science

September 2021 – July 2025

- First Class Honours, prizes for best final project and for contribution to the School of Computing Science
- Final year GPA: 20.3/22.0, Honours GPA: 19.9/22.0, Excellence Scholarship Recipient
- Elected as President of Glasgow University Tech Society in 4th year, class representative in 1st, 3rd, and 4th year
- Final project accepted for publication into academic conference ("RecViz: Intuitive Graph-based Visual Analytics for Dataset Exploration and Recommender System Evaluation", presented at ACM RecSys 25')

TECHNICAL SKILLS

Programming languages: Java, Python, C, C++, JavaScript, TypeScript, Swift, SwiftUI, Lua/Luau, SQL

Others: HTML, CSS, Django, React, Vite, Next.js, Bash terminal, Git, unit tests (JUnit, Mockito), Spring Boot, Guice