

# Jackson Dam

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

## TECHNICAL SKILLS

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**Programming languages:** Java, Python, C, C++, SQL, JavaScript, Swift, Lua/Luau, TypeScript  
**Others:** HTML, CSS, Django framework, React framework, Bash terminal, Git, writing unit tests (Junit)

## RELEVANT EXPERIENCE

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- 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
  - Introduced more automation into 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
  - Negotiated payment terms and met strict deadlines, providing regular detailed progress updates
  - Provided occasional consultancy services (advice on quality of existing proposals)

## VOLUNTARY EXPERIENCE

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- Glasgow University Tech Society** Glasgow  
*President* Mar 2024 – April 2025
- Elected to be public figurehead and leader of the society
  - Closely collaborated with board members to co-ordinate the planning of 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 1<sup>st</sup> year, 3<sup>rd</sup> year, and 4<sup>th</sup> year
  - Communicated with and obtained responses from lecturers on teaching quality and other matters, through regular Student-Staff Liaison Committee meetings

## COMPETITIVE PROGRAMMING/HACKATHON ACHIEVEMENTS

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- 1<sup>st</sup> place team at JPMorganChase Code for Good 2024 (Glasgow, Playlist for Life charity)
- 1<sup>st</sup> place team for Morgan Stanley challenge at Glasgow Uni Code Olympics 2021, 2<sup>nd</sup> overall team result
- 5<sup>th</sup> place individual HackerRank score (Python based problems) among all Code Olympics 2021 participants (only 1<sup>st</sup> year student to come in the top 10 for this portion)
- 2<sup>nd</sup> place team for GuitarGuitar challenge ("Do you have the GUTS?" hackathon 2023)

## EDUCATION

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- University of Glasgow** Glasgow  
*BSc Hons Computing Science* Sep 2021 – present
- 3rd year GPA: 19.3/22.0, GPA since 1st year: 19.5/22.0
  - Excellence Scholarship recipient
  - Expected graduation date July 2025, projected/on track for a First
- Nottingham High School** Nottingham  
Aug 2021
- A-Levels in Maths (A), Physics (A), Design Engineering (A)
  - 10 GCSEs grades 9-5