Fraser W Levack

Glasgow Scotland   ✉ flevack28@gmail.com   📞 07724349134   🔗 fraserlevack.com   in fraser-levack
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About

I am a fourth year Glasgow University undergraduate student. I am a motivated problem-solver with a keen eye for detail and a commitment to finding innovative solutions.

Professional Experience

Software Engineer Intern   May 2025 – Aug 2025
NCR Atleos

- Developed scripting for team integration to be used throughout the Global Platform Engineering Team.
- Implemented the conversion of XFS Help to move the platform development to a Documentation As Code pipeline.
- Presented on the global "All Hands" to the entire company of 20,000 employees.

Freelance Web Developer   Aug 2024 – May 2025
Dundee University

- Lead full-stack developer of the Design for Displacement Architecture Course website.
- Using React and Typescript as well as other modern tools for a stylistic design. Connecting with Firebase for authentication and real-time data storage.
- Implementing a functional CMS to allow students to dynamically change the content on the page.

Software Developer & Team Chair   Sept 2024 – Mar 2025
Off Axis Gigs

- The head of a team tasked with designing a functional ticketing and marketing system for musical gigs.
- Linking up multiple public APIs. Such as Spotify for getting artist information and Stripe for payments.
- Coordinating team-client meetings, as well as organizing milestones/deadlines and assigning tasks and issues to members.

Education

University of Glasgow   Sept 2022 – May 2026
Bachelor of Science with honers in Computer Science

- On track for First award.
- **Dissertation:** Researching/developing learning tools for probabilistic model checking.
- **Coursework:** Professional Software Development, Cyber Security, Algorithmics, Machine Learning, Functional Programming, Database Systems, Low Level Systems.

Grove Academy   July 2016 – May 2022
Vice School Captain

- Straight **A**'s for the following subjects.
- **Advanced Highers:** Mathematics, Physics.
- **Highers:** Computer Science, Mathematics, Physics, Chemistry, English, Music.

Technologies

Languages: Typescript, Python, Java, C & C++, Rust, Haskell, PRISM, HTML & CSS,

Technologies: React, Django, Vite, Node.js, Firebase, PostgreSQL, Deno, Three.js, SDL & OpenGL

Tools: GitHub & GitLab, VS Code, Jira, JetBrains IDE's, WSL Unix / Ubuntu, GH Pages, Vercel, Figma

Projects

Django Jam   *DjangoJam* ⬈

- An online web-app with an interactive piano. Used to record and share Tunes with others.
- Built with: Python, Django, JavaScript

CPaint   *CPaint* ⬈

- A compact painting tool which has multiple colours, an undo feature and other functions.
- Built with: C, OpenGL.

Sled-Eval Library   *SledEval* ⬈

- A comprehensive evaluation library for easily calculating solutions when given a string of numerical or operation characters.
- Built with: C

On Thick Ice

- A dynamic online card game. Winner of the best "Dev Diary" for the 2025 Duck Sauce Games Jam.
- Built with: Typescript, Firebase, Node.js, Web-sockets

Certifications

Atlassian: Agile Project Management Professional Certificate

GitHub: Career Essentials in GitHub Professional Certificate

Societies

Member of : Glasgow University Tech, AI and Book Societies. V&A Dundee YPC.

Awards

Vice Chief Executive for MATE National Competition : ROV robotic competition, lead programmer.

World Host Principles Customer Service : Internationally recognized customer service qualification.

NPLQ Lifeguard : Fully qualified pool lifeguard.

DVSA Driver's License