

Fraser W Levack

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About

I am a third year Glasgow University undergraduate student living in Glasgow. I am an enthusiastic individual with a wide range of software experience. I have excellent communication skills and a positive attitude. My interests vary a lot, from low-level programming to front-end frameworks.

Experience

Freelance Web Developer

Dundee University

Dundee, Scotland

Aug 2023 – Present

- 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

Off Axis Gigs

Glasgow, Scotland

Sept 2023 – Present

- The CEO of a team tasked with designing a functional ticketing and marketing system for musical gigs.
- Adapting the original website and ecosystem into one single universal web app. To be used as a social platform for up and coming artists and a scanning system to authenticate tickets at venue doors.
- 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

Bachelor of Science with honours in Computer Science

Sept 2022 – May 2026

- On Track for Firsts Award.
- **Coursework:** Professional Software Development, Cyber Security, Algorithmics, Database Systems.

Grove Academy

Vice School Captain

July 2016 – May 2022

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

Technologies

Languages: Typescript, Python, Java, C & C++, HTML & CSS

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

Tools: GitHub & GitLab, JetBrains IDE's, WSL Unix / Ubuntu, Pages & Workflows, Vercel

Projects

Django Jam

[DjangoJam](#) 

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

CPaint

[CPaint](#) 

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

Sled-Eval Library

[SledEval](#) 

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

Societies

President of: Glasgow Uni Jenga Society.

Member of : Glasgow University, Tech, AI and Book Societies.

Ex Member of: V&A Dundee Young Peoples Collective.

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