Fraser Miller

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EDUCATION

(Current) University of Glasgow—BSc (Hons) Computing Science   *(2021 - 2025)*

· Currently in my third year.
· Topics around this time are programming in C, analysing data-sets using vector and matrix operations, all along side creating a web-app for Beatson Cancer Research as part of a year-long team project.

City of Glasgow College—HNC & HND Computing Science   *(2018 - 2020)*

· Gained experience with web-development in C# with bootstrap, basic system-network knowledge and OOP skills using Java and GUI design with Swing.

EMPLOYMENT

(Current) Host—Boom Battle Bar - Glasgow   *(Jul 2022 - present)*

Front of House—KFC   *(Oct 2019 - Feb 2020)*

Sales Assistant—KeyStore   *(Sep 2018- Jan 2019)*

· Experience with fast paced working environments.
· Confident with team coordination and people skills.
· Have been described as a 'hard worker'.

SKILLS

· Programming Languages—Java, Python, C/C++, C#, Bash, SQL, Javascript
· Technologies—Linux, Makefiles, Django, Flask, NumPy, Matplotlib, Bootstrap, Git, Regex, HTML/CSS, React

PAST PROJECTS

(Current) Beatson Cancer Research Data Portal—Uni - web app group project

· Data portal used to host and share RNA sequencing data with a standardised method of meta-data entry.
· Design stage required substantial research involving interviews with possible end users and frequent talks with client.
· Our team settled on using Flask as a backend API with Next.js for the frontend and using Neo4j graph-based database for our data storage needs.

SimpleHomeBackup.sh—Personal - made with Bash

· A small bash script that would copy directories from a users home directory and store them in the form of a .tar archive file named after the current date/time.
· Took user input in the form for decisions (e.g. Y/n) parsed using regex.

Java based terminal game—Uni- a tile based exploration RPG

· Challenged with expanding on an existing Java code-base.
· Implemented new features using OOP design paradigms.

HACKATHONS

Do You Have The GUTS?—Glasgow University Tech Society   *(27th Oct 2023)*

· We picked the SAS (Stat Analysis Sys) challenge ; a ghost-hunting exercise.
· involved the analysis of data-sets and meta-data analysis to identify the location of the ghost of various historical figures within the GU Library.
· Achieved 2nd place in the SAS category.

Code for Good—J.P Morgan   *(8th Oct 2023)*

· Developed prototype web-app for Games for the Weans Children's Chary over a 24 hour period.
· Matches children in hospital with volunteers that would play video games with the children.
· Made with Django and Bootstrap.

INTERESTS AND HOBBIES

· Cycling, Bikes, Drawing
· Enjoy discovering and learning more about Linux