



Nour Elfangary

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Education

UNIVERSITY OF GLASGOW – COMPUTER SCIENCE MSCI (JUNE 2026)

- Recipient of the World Changers Global Excellence Scholarship
- Honours Class Representative - 2023 - present

Technical Skills

LANGUAGES

Python
JavaScript / TypeScript
C / C++
Java + C#
Haskell
Rust + Swift (learning)

FRAMEWORKS/LIBRARIES

React (Native) + Vue
Django + Flask
NumPy
Pytorch
ThreeJS
Qiskit

PLATFORMS/TOOLS

Git
Docker
PostgreSQL
Unity + Godot
Linux (Arch, Debian)
qBraid

Projects

TRAILBLAZER – 2024 (DISSERTATION RESEARCH PROJECT)

- An exploration of interactions and visuals in mixed reality for the context of cycling.
- Designed a mixed reality gamified cycling experience inspired by *Snake* and *Tron* for the Meta Quest 3.
- Developed and tested with Unity and the Meta XR SDK.

BABY ESCAPE – 2024

- An escape room in virtual reality where the player embodies a baby. Designed with the “grab move” locomotion technique to imitate crawling, and the use of microphone input for puzzle interaction.
- Developed in a team of 4, with a focus on providing unique XR interactions and mitigating cyber sickness.

RHYTHM SWIPR – 2024 (DO YOU HAVE THE GUTS HACKATHON - GLASGOW UNIVERSITY TECH SOCIETY)

- A mobile rhythm game built with Godot with swipe interaction for mobile.
- Developed in a team of 4 in under 26 hours for the DYHTG hackathon competition.

NEUROARCADE – 2023-2024

- A unified web app implemented with Django + React to display, process, and upload results from Neuroscience research “brain games” played by humans and AI models hosted on third party platforms.
- Took on lead demonstrator role in an Agile Scrum team.

PERSONAL WEBSITE – 2024

- A React-based portfolio site, deployed with CloudFlare Pages.
- Perpetually incomplete; used as a learning tool for React and web design.

ONE-HANDED SWIPER – 2024

- A proof-of-concept React-based web app for a swipe interaction prototype with playing cards.

Professional Experience

INTERN, G42 HEALTHCARE; ABU DHABI, UAE – 2023

- Working collaboratively with the strategy department to discuss company goals with research insight.

SUMMER CAMP COUNSELLOR, STUDIO REPUBLIK; DUBAI, UAE – 2020

- Organising and coordinating fun collaborative events for children of different age groups.