



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

Skills

LANGUAGES

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

FRAMEWORKS/LIBRARIES

React (Native) + Vue
Django + Flask
Unity + Godot
OpenXR + MetaXR
ThreeJS + A-Frame
NumPy + Matplotlib

PLATFORMS/TOOLS

Git + GitLab C/I
Docker (Compose)
PostgreSQL
Bash terminal
Linux (Arch, Debian)
iOS + Android

Projects

TRAILBLAZER – 2024 (CURRENT DISSERTATION RESEARCH PROJECT)

- An exploration of interactions and visuals in augmented reality for the context of cycling.
- Currently in research stages, aiming to create a multiplayer “Tron” Light Cycle game experience.
- Developed and tested with Meta SDK + Unity for the Meta Quest 3.

BABY ESCAPE – 2024

- An escape room in virtual reality where the player embodies a baby. Involves grab move locomotion with 1.5x movement gain to imitate crawling, and use of microphone input for puzzle interaction.
- Developed in a team of 4, with a focus on providing unique XR interactions and cyber sickness mitigation.

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 web app implemented with Django + React to display, process, and upload results from 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; a learning tool for 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.