Tom Grayston

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Software Engineering professional, UX/ UI & Frontend enthusiast with a Master's degree in Cyber Security and Bachelor's degree in Computer Science with a demonstrated history of working in industry and personal projects. Skilled in full-stack web and mobile application development looking for opportunities that allow me to express my creativity and aptitude for working with people, solving problems, and developing my abilities in 2022.

Experience

Software Engineer Raytheon Technologies   Sept 2020 – Present

`React` `TypeScript` `JavaScript` `Git` `Docker` `Kubernetes` `Design`

- Lead UX/UI & Front-end efforts while working with Product Owners to implement a step-by-step plan to overhaul the client's application's front-end designs, implement AAA accessibility standards, and maintaining an internal library of packages consisting of front-end components.
- Worked within an agile and test-driven development environment creating, updating, and maintaining microservices that supported the development of client applications and internal tools.
- Full understanding of the development lifecycle from conception to production & maintenance

Academic Representative Lancaster University   Oct 2019 – Sept 2020

`Accountability` `Public Speaking` `Coordination`

- Canvassed, reported, and represented views, opinions, and concerns to faculty management and the Students Union.
- Liaised with the Master's cohort and faculty management regarding matters & issues to improve the experience whilst on the course.

Welfare Officer Lancaster University   Nov 2018 – Sept 2019

`Emotional Intelligence` `Collaboration` `Management` `Events`

- Spearheaded campus-wide events attended by, in one instance, 1000+ guests.
- Cultivated teamwork between other exec and non-exec positions in order to permeate new ideas through all levels of management.

Education

MSc. (Hons) Cyber Security Lancaster University   Oct 2019 – Nov 2020

- Graduated with a 2.1 (Merit)

BSc. (Hons) Computer Science Lancaster University   Oct 2016 – Sept 2019

- Graduated with a 2.2 with Honours

BTEC's Cardinal Newman College   Oct 2014 – Sept 2016

- Software Development (A*, A*), Media Studies (B)

Projects

Essentials Mobile App   Ongoing

React Native TypeScript Firebase Git Expo Testing AdobeXD

Essentials is an ongoing side project with myself and 2 others in which we are all collaborating in ways complementary to our backgrounds. It aims to assist individuals in shared living situations which allows for the tracking of "essential items" within the user's groups they have created with the items they have listed. Currently in the early stages of development.

General Freelance Design Work Web Design   Ongoing

AdobeXD Figma

As a way to improve my design skills, I offered to do design work for acquaintances and people who run small businesses free of charge. Currently, I am working on redesigns for two different websites: a hairdressers & a photographers portfolio as both were outdated and needed modernising.

VR Accessibility via Eye Tracking Bachelors Dissertation   Oct 2018 – Sept 2019

Unity SteamVR Eye Tracking Tobii HTC Vive Pro Eye

Utilised the then-unreleased 'HTC Vive Pro Eye' in which I used the eye-tracking capabilities to investigate new uses of the hardware. The aim of the project was to investigate whether there was a way to link eye behavior and movements of users to uplift and amply movement within VR to help aid users whose motor functions may be hindered.

Certifications

AWS Certified Cloud Practitioner
Gained certification as of 18th January 2021

Kubernetes Certification
Currently in progress – targeted completion Aug, 2022

SC Security Clearance Level
Issued clearance as of 12th August 2020

More About Me

My interests are...

Emerging Technologies (VR, Blockchain & the metaverse), Music (Live-Events, Festivals), Travel, Gaming, Health & Fitness, Food!

I like to work with people who...

want to learn! Learning with & from others is the best way to improve! Then practically applying this new knowledge helps to lock that information in.