Steven

McWilliam

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Personal

I am a young professional trained in software engineering. I completed my Bachelors degree in 2020 during the pandemic. My favourite colours are pink and blue and I truly love Irn-Bru.

Education

2-1 BSci in Computer Science University Of St Andrews

September 2016 - May 2020

/Third Year

CS3099 - Software Engineering Team Project/ 17.4

CS3101 - Databases / 16.9

CS3106 - Human Computer Interaction / 13.5

CS3302 - Data Encoding / 16.4

CS3105 - Artificial Intelligence / 13.2

CS3052 - Computational Complexity/ 11.5

CS3102 - Data Communication and Networks/ 12.5

/Fourth Year

CS4105 - Advanced Communication Networks and Systems / 11.6

ID4001 - Communication and Teaching in Science / 15.4

CS4052 - Logic and Software Verification / 16.8

CS5052 - Data-Intensive Systems / 19.3

CS4103 - Distributed Systems / 16.3

CS5033 - Software Architecture / 17.4

CS4099 - Major Software Project / 15

Experience

Brainnwave Ltd /Frontend Developer

19th April 2022 - Present

My role at Brainnwave has been delivering core functionality for the company product such as data visualisation and a CMS driven frontend system. I've gained a better understanding of building scalable client systems as well as a deeper understanding of the react ecosystem using tools such as storybook to visualise and develop components for a design system.

JP Morgan Software Engineering Program /Analyst

17th September 2020 - 14th April 2022

I work primarily on a monitoring dashboard in the Managed Accounts team . This has given me a view long term of a project developing and allowed me to develop a better understanding of receiving and prioritising requirements. As well as a strong understanding of React and Redux in production sites.

JP Morgan Summer Technology Analyst/Analyst

17th June - 23rd August 2019

I worked within an Asset Wealth Management software development team for 10 weeks over the summer. This allowed me to see what working in an office would be like as well as how teams within JPMorgans various lines of business operate.

STACS Hack 4/ Pointless Button Creator

During a 24 hour hackathon at the University of St Andrews, I designed, implemented and iterated a cookie clicker style game which centred around a pointless button. The game was implemented using html5 grid systems, JQuery for dynamic styling and local storage to track data.

Coolest Projects 2014 / Team member

I was a team member of an international coding competition where the finals were held in Dublin. I used HTML, CSS and JavaScript to build the front-end of a book lending service.

Oran Mor / Strike Force Security / The Garage / Door Supervisor

June 2017 - September 2017 / September 2017 - Present / June 2018 - September 2018

I was a SIA licensed door supervisor and worked inside the club and main bar of the Oran Mor and in various bars in St Andrews effectively working as a team and alone to ensure the safety of clients and staff.

Strengths

I am always punctual and work hard to get work done. I used to claim to be a perfectionist however I have grown to realise that aiming for perfection always falls short and have thus adjusted my approach to focus on smaller incremental changes that lead to immediate improvements that add value to a project as time goes on. I work well within teams due to my good attitude and willingness to take on leadership and publicly visible roles within teams. My determination to see a job done well drives me to complete any task that is given to me. I am always keen to expand my skills and knowledge and welcome advice, although I can use my initiative where necessary.

Interests

I enjoy practising and competing in mixed martial arts in a safe environment. This has led to 5 medals in 4 events. Recently I have also taken an increased interest in writing and the creative arts with a few poems and stories that I've enjoyed creating.

References

Dr Steven Ford
Director of Kelvin Quad

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