Daniel **Fitzmaurice**

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Currently Fourth Year Software Engineer at University of Queensland, I am an active member of UQ Computing Socienty. Living on campus at Emmanuel College, I contribute to college life by being a Residential Assistant. Currently looking for work over the Christmas break and hoping to continue through past the break.

Technical Skills

- JavaScript/Typescript
- C/C++
- NeoVIM
- HTML/CSS/SASS
- Ubuntu Linux
- LaTeX
- Git/Svn
- AVR/Arduino
- FreeRTOS
- Java
- Python 3
- React/React Native

Education

University of Queensland	2015 – Now

Academic Achievements

Rural Scholarship 2018	Emmanuel College Scholarship awarded in 2018
Outstanding Academic Achievement in 2017	Emmanuel College Scholarship awarded in 2018

St Patrick's College Mackay	2013 – 2014

Academic Achievements

Rats of Tobruk	Awarded for outstanding dedication to the college community
Adrian Carl Smith Memorial Award	Awarded for demonstrating outstanding integrity, a friendly nature and a great passion for Information Technology, Aerospace and Business

Certifications and Training

CPR	February 2018
First Aid	February 2016
Mental Health First Aid	April 2017
Fire Safety	February 2017
Blue Card	2015 – 2018

Volunteer Placements

St Patrick's College Lighting and Sound	February – November 2014
Robocup Junior Queensland Championship	August 2015, 2016, 2017
Emmanuel College's Annual Musical	August 2015, 2016, 2017
Emmanuel College's Information Technology Support	February 2016 – December 2016
Emmanuel International Rugby 7s Media Director IT	May – September 2016
Emmanuel College Ambassador Program	July 2016
Emmanuel College Residential Assistant	February 2017 – Now

Work Experience Placement

CQ Manufacturing Christmas Lights

Assisted and developed synchronized lighting and sound effects for a major Christmas light display which resulted massive crowds and numerous features on news mediums.

Skills and Contributions:

Network Configuration Investigated and evaluated a range and mix of different network configurations and setups

Video Editing Since 2015, the lighting setup has used a projector to project a video up to the projector. This projector also played video in sync with the music

Special Effects Creation Video production included programming special effects which coincided with musical elements

Employment History

Studio Pierrot Website August 2014 – October 2014

Team member in a group project, to design and create a website for a local drama studio (Studio Pierrot).

Skills and Contributions:

Time Management Checkpoints were created to ensure all project tasks were created on time and quality expectation

User Design Studio Pierrot used a unique style of design, the first experience of constructing a site using parallax scrolling

GroupCCTV Trailer Management System November 2014 – December 2014

Assisted in the final stages of development and implementation of a remote CCTV trailer management system.

Skills and Contributions:

Data Communication Collaborated and researched methods for transmitting a set of data across a network system

Data Manipulation Investigated designs for sending data for the idea way of sending data through reduction of processing and transmission

Quick Adjustment Assimilated quickly into project development which was partly underway.

Pizza Hut December 2011 – September 2014

Completed a wide range of tasks. Specialized in customer service and cutting/boxing pizzas.

Skills and Contributions:

Customer Service Supplied customer service at counter. Assisting the customer with all enquiries

Problem Solving Assisted with problem solving by quickly generating easy-to-implement resolutions

Tyeware

Worked on bug fixes and feature request for currently deployed project, as well as development on unreleased projects

Skills and Contributions:

Industry Web Practices   Used industry level web technologies to construct websites

Team Management   Interacted with team using issue tracking and Slack

Built to Spec   Had to build features and test them according to the provided spec

Australian Association for Information Systems   June 2018 – Now

Worked on converting an existing website to a new theme using Wordpress and added a membership payment system.

Skills and Contributions:

Client Communication   Used email threads for a majority of the communication with the client

Agile Development   Features are developing incrementally and independently of each other

Macadamia Nuts Trading   August 2018 – Now

Create a system for buying and selling Macadamia Nuts using distributed technology and the Ethereum blockchain.

Skills and Contributions:

Blockchain Development   Using the blockchain to store and modify data and make sure it is all secured correctly

Issue Tracking   All development features and issues are tracked using Github's Issue tracking features

University of Queensland Tutoring   August 2018 – Now

Tutoring Operating Systems Architecture at University of Queensland

Skills and Contributions:

Student Assistance and Guidance   If a student has a question or problem with the content of the course, it is my role to direct the students towards the answer. But make sure to not just give them the answer

Quick Solving   Ability to look at a students solution and work out where their error is and hint the student towards resources that will help