
Daniel Fitzmaurice

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Currently Fourth Year Software Engineer at University of Queensland, I am an active member of UQ Computing Society. Living on campus at Emmanuel College, I contribute to college life by being a Residential Assistant. Completing my superthesis project on Smarthomes, with a focus on the webapp and phone app development.

Technical Skills

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

Employment History

TYEWARE

JULY, DECEMBER 2017, JANUARY 2018

Worked on bug fixes and feature request for currently deployed project, as well as development on unreleased projects. Used C# and Visual Basic backends to deliver websites tailored to a range of browsers and browser versions.

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. Used Wordpress for main website, then added PHP to interact with an online payment management library.

MACADAMIA NUTS TRADING

AUGUST 2018 – NOW

Create a system for buying and selling Macadamia Nuts using distributed technology and the Ethereum blockchain. Used a complete distributed approach and modern web technologies (ReactJS and Web3).

GROUPCCTV TRAILER MANAGEMENT SYSTEM

NOVEMBER 2014 – DECEMBER 2014

Assisted in the final stages of development and implementation of a remote CCTV trailer management system. Used Python server backend and communicated with an Arduino.

UNIVERSITY OF QUEENSLAND TUTORING

AUGUST 2018 – NOW

Tutoring Operating Systems Architecture at University of Queensland.

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). Used CSS and JS animations to create a parallax scrolling effect.

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

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 2018
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	NOVEMBER, DECEMBER 2011 – 2017
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Assisted and developed synchronized lighting and sound effects for a major Christmas light display which resulted massive crowds and numerous features on news mediums.