

# Connor Boughton

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<https://www.linkedin.com/in/connor-boughton>

## Education

### BACHELOR OF ENGINEERING (HONOURS) MECHATRONICS

MAR 2017 – NOV 2021 (EXPECTED)

*University of Technology Sydney*

GPA: 6.40 / 7

WAM: 82.49

### CERTIFICATE III INFORMATION, DIGITAL MEDIA AND TECHNOLOGY

FEB 2015 – NOV 2016

*Northern Sydney Institute of TAFE*

## Achievements

### NEW COLOMBO PLAN SCHOLAR

2020

The New Colombo Plan scholarship program is a prestigious and highly competitive scholarship awarded by the Australian Government. It aims to lift knowledge of the Indo Pacific in Australia by supporting Australian undergraduates to study and undertake internships in the region.

<https://www.dfat.gov.au/people-to-people/new-colombo-plan/pages/new-colombo-plan.aspx>

## Experience

### JENKINS ENGINEERING DEFENCE SYSTEMS

JUL 2020 - CURRENT

Responsibilities: Conducting research on digital signal processing enhancements for Electronic Warfare subsystems. Facilitating the development of long-term sensor logging for naval vessel characterisation.

### ENGINEERING SUPPORT OFFICER

JUL 2018 – JAN 2020

*Toshiba International Corporation*

Responsibilities: Development of web-based project tracking and planning software. Involving development of project requirements, consultation with stakeholders, and full stack development.

Achievements: Met all deadlines and exceeded stakeholder expectations.  
Trained over 20 staff members with varying levels of expertise.  
Developed standards for communication between in-house software.  
Created documentation for future maintenance of the software.

### WEB CONTRACT WORK

DEC 2016 – JAN 2020

*Self Employed*

Responsibilities: Consultation with clients to establish scope of works and implementation plans. Designed, programmed, tested, and adapted websites to work on multiple device types.  
Staff training and providing ongoing support.

Achievements: Created website solutions for InXite Development Management, Ethos Aged Care, Sarah Muggeridge Mosaics, and Kuring-gai High School.

## **IT SUPPORT**

**FEB 2015 – JAN 2019**

*Delaware North Company*

Responsibilities: Maintained and installed 500+ point of sales (POS) and EFTPOS machines at the Sydney Cricket Ground and Alliance Stadium.  
Troubleshooted and provided support to retail outlets during major event days.

Achievements: Mentored two new staff members. Led a team of two to five people.

## **NSW RURAL FIRE SERVICE**

**JAN 2018 – CURRENT**

*Volunteer for Mount Kuring-gai Rural Fire Brigade*

Responsibilities: Responding to rural bushfires, car accidents, and assisting emergency services.

Achievements: Trained three new volunteers for Basic Firefighting qualification.  
Achieved over 100 hours of firefighting.  
Engaged in four large community outreach and engagement events.

## **Transferable Skills**

### **LEADERSHIP**

- Community leader as a member of the NSW Rural Fire Service.
- Organised and led over a dozen university group projects.
- Led an IT Support team at Delaware North Company.

### **COMMUNICATION SKILLS**

- Learnt strong communications skills from client consultation and conveying technical information to senior managers at Toshiba International Corporation.
- Utilise strong communication skills on firegrounds as a member of the NSW Rural Fire Service.

### **BUSINESS SKILLS**

- Developed invoicing skills from invoicing web contract work.
- Learnt scoping skills from developing project requirements at Toshiba International Corporation and web contract work.
- Gained time management skills from studying and meeting client deadlines.

## **Technical Skills**

### **PROGRAMMING**

- Skilled in C# and .NET CORE 2.1, and C++.
- Familiar with NodeJS, Python, PHP, MySQL, and SQL.

### **COMPUTER SKILLS**

- Proficient in Windows (7, 8, 8.1, & 10), and Linux Environments.
- Qualified in Microsoft Office products (Certificate III in Information, Digital Media and Technology).
- Practiced in Solidworks.