

# Connor Boughton

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

<https://fanbandan.github.io/e-portfolio/>

## Education

### **BACHELOR OF ENGINEERING (HONOURS) MECHATRONICS**

**MAR 2017 – JUNE 2022 (EXPECTED)**

*University of Technology Sydney*

GPA: 6.43 / 7

WAM: 82.97

### **CERTIFICATE III INFORMATION, DIGITAL MEDIA AND TECHNOLOGY**

**FEB 2015 – NOV 2016**

*Northern Sydney Institute of TAFE*

## Achievements

### **NEW COLOMBO PLAN SCHOLAR**

**2020**

Awarded the highly prestigious New Colombo Plan scholarship. An Initiative of the Australian Government run by the Department of Foreign Affairs and Trading. Through this scholarship, I exchanged in Malaysia where I improved my cross-cultural communications skills and gained local knowledge of the region.

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

## Experience

### **MECHATRONICS ENG RESEARCH ASSISTANT**

**JUL 2020 - CURRENT**

*Jenkins Engineering Defence Systems*

**Responsibilities:** Conducting research on digital signal processing enhancements for Electronic Warfare subsystems. Developing project management plans and documentation. Facilitating the development of embedded hardware for naval vessel characterisation.

### **ENGINEERING SUPPORT OFFICER**

**JUL 2018 – JAN 2020**

*Toshiba International Corporation*

**Responsibilities:** Development of web-based project tracking and planning software for power station maintenance. Involving the formation 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.  
Troubleshooting 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 other emergency services.

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

## **Transferable Skills**

### **LEADERSHIP**

- Community leader as a member of the NSW Rural Fire Service.
- Developed strong leadership and teamwork skills by organising and leading 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.
- Gained strong cross culture understanding and communication skills from the New Colombo Plan Scholarship.

### **BUSINESS SKILLS**

- Project planning and scheduling skills from my Engineering Capstone and role at Jenkins Engineering Defence Systems.
- Developed invoicing skills from invoicing web contract work.
- Learnt scoping skills from developing project requirements at Toshiba International Corporation and web contract work.

## **Technical Skills**

- Skilled in C#, C++, MATLAB, and Git.
- Familiar with NodeJS, Python, PHP, MySQL, and SQL.
- Experienced in Power Automate, Jira, and SharePoint.
- Proficient in Windows and Linux Environments.
- Qualified in Microsoft Office products (Certificate III) including Project and Visio.
- Practised in Solidworks CAD including FEA.