

Education

The University of Melbourne

Feb, 2014 – Dec, 2016

Bachelor of Science (Electrical Systems)

Weighted Average Mark: 74.25

The University of Melbourne

Feb, 2017 – Jul, 2019

Master of Engineering (Electrical)

Weighted Average Mark: 73.44

Rijksuniversiteit Groningen

Sep, 2020 – Present

Bachelor of Computing Science

Expected Graduation Date: July, 2023

Work Experience

CRRC Changchun Australia Rail Pty. Ltd.

Electronics Intern

Nov, 2018 – Feb, 2019

At CRRC, I supported the carriage communications engineering team, as they began testing software that will be integrated into a communication system of a new train design.

During my time at CRRC, I was in charge of:

- Writing and editing 5 test procedures. I used VBA to automate the formatting of content.
- Assembling and configuring a prototype communication system, which would be used for testing by the Software Integration team.
- Integrating, configuring and debugging 2 physical subsystems of the communication system, using software such as Wireshark to analyze network packets.

Christic Lanka Polymers Pvt Ltd

Quality Manager

Oct, 2019 – Aug, 2020

At Christic Lanka, I was in charge of reporting the material properties of products produced by the company, namely their unsaturated polyester resins.

During my time, I was in charge of:

- Preparing testing and certification documentation, based on ISO and industry guidelines.
- Conducting tests to determine the physical properties of resin samples.
- Managing the Materials Lab
- Training personnel, so they can prepare and run tests of resin samples.

Volunteering

The University of Melbourne

Student Representative

June, 2016 – June, 2018

In this position, I acted as a liaison between the student body and faculty of engineering.

Responsibilities included:

- Interviewing students to gather feedback about the course
- Determining areas of improvement within the course.

Student Ambassador, Engineering

Mar, 2018 – Feb, 2019

In this position, I assisted in many events hosted by the Melbourne School of Engineering.

Responsibilities included:

- Leading lab tours with high school students and visitors
- Participating in Q&A panels
- Representing the university in a professional manner, across multiple events.

Melbourne University Mountaineering Club (MUMC)

Secretary

Aug, 2018 – Aug, 2019

As the secretary for MUMC, I was in charge of:

- Taking and maintaining minutes of monthly committee meetings
- Lodging annual reports to Consumer Affairs Victoria and Melbourne University Sport
- Maintaining MUMC archives and records
- Communicating between the club and various third parties

Skills and Technologies

- | | |
|-----------------------|-----------|
| - HTML5 / CSS | - Redux |
| - Vanilla JS (ES6) | - Webpack |
| - JSX, React | - Java |
| - NodeJS | - XML |
| - Express (using EJS) | - Git |
| - MongoDB | |