

# Steven Lee

**Email:** [chijenl@student.unimelb.edu.au](mailto:chijenl@student.unimelb.edu.au)  
**Citizenship:** Australian  
**Website:** <https://stevenlee090.github.io>

## Overview/Future Career Goals

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I am a mechatronics engineering student who is completing my third year of tertiary education. I am eager to learn more about artificial intelligence and automation as I believe these two areas are vital for empowering the future of the engineering industry and our society. I also strive to do the best in all the tasks which I am assigned, while learning to be a team player and applying all the relevant engineering concepts and principles.

## Education

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**University of Melbourne**, Melbourne, Australia  
Master of Engineering (Mechatronics), 2018 ~ current  
Weighted Average: **84.250 (First Class Honours)**

**University of Melbourne**, Melbourne, Australia  
Bachelor of Science, Majoring in Mechatronics Engineering, 2015 ~ 2017  
Weighted Average: **80.435 (First Class Honours)**

**Glen Waverley Secondary College**, Melbourne, Australia.  
Victorian Certificate of Education, 2009 – 2014.  
ATAR: **99.15**

## Work Experience

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**Viva Energy Australia Pty Ltd**, Geelong.  
Mechanical/Mechatronics Engineering Intern, Nov. 2017 – Feb. 2018  
Viva Energy's Geelong Refinery is one of four refineries remaining in Australia which produces 55% of Victoria's fuel needs. This internship saw the investigation into an air compressor which is approaching its 'end-of-life' phase. Tasks accomplished include:

- Qualitative and quantitative analysis of life extension vs replacement options.
- Evaluated different vendors and recommended the suitable replacement unit.
- Investigated various engineering scopes required for completing the replacement project.
- Produced report documenting all the associated costs and procedures.
- Presented outcome to refinery leadership team.

**Synnex Australia Pty Ltd**, Melbourne.  
Warehouse Inventory and IT services, Dec. 2015 – Jan. 2016  
For two months, I worked with two different teams in the warehouse. First part involved going through the warehouse inventory and bundling products ordered by the clients, preparing them to be packed for delivery. Through this activity, I observed how the warehouse seamlessly operated as a whole, despite having to process a large quantity of products every day. Later, I was transitioned to the IT Services to help complete a large-scale project for a client. Here, I learnt about how to pick the balance between quality and quantity, and the importance of assigning the right personnel to maximise efficiency.

**Synnex Australia Pty Ltd, Melbourne.**

Product Content Update, Jan. 2015 – Feb. 2015.

For five weeks, I joined the e-commerce team in Synnex Australia to conduct content update over a wide range of products and worked closely with the e-commerce Team in Synnex New Zealand to help build the future launch in New Zealand. I was taken through the use of Excel and company's internal product content updating tool and learnt about how to maximise efficiency when assigned with a large workload. Throughout this time, I learnt more about teamwork, how to work on a large project through decomposing it down to manageable workload and when to seek assistance when necessary.

**Coles, Melbourne.**

Work Experience, Sep. 2012 – Oct. 2012.

During that time, I learnt about the importance of teamwork, communication and how to keep the workplace safe at all time. I was taken through various trainings for using different equipment and the techniques in handling and restocking goods. Moreover, through careful observations, I came to the realisation that there were countless tasks being carried out simultaneously to keep one store operating smoothly. From this I was able to understand the importance of collaboration and teamwork between team members in each department.

**Technical Skills**

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- Microsoft Office (Word, Excel, PowerPoint, and Outlook) – Intermediate
- Microsoft Project – Basic
- MATLAB – Intermediate
- C Programming – Intermediate
- Java Programming – Basic
- Inventor CAD – Basic
- Fusion 360 CAD – Basic

**Other Activities**

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**Autonomous Robotics Research Program**

Melbourne University Electrical Engineering Club, February 2017 – Aug 2017.

**Student Staff Liaison Committee**

Engineering Mathematics, Department of Mathematics and Statistics at  
University of Melbourne, February 2016 – May 2016.

**Robogals Melbourne Workshop Volunteer**

Volunteering co-curricular activity, helped high school students to learn about CAD programs, April 2016.

**Red Cross Calling**

Charity co-curricular activity, March 2013.

**Professional Membership**

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- Engineers Australia – Student Member

**Achievements**

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- Weighted Average at University of Melbourne: 84.250
- ATAR (Australian Tertiary Admission Rank): 99.15
- Principal's Scholars Program at Glen Waverley Secondary College.
- High Distinction achieved in Enhancement Mathematics studied at Monash University.

- High Distinction and Distinction achieved in Australian Westpac Mathematics Competition.
- Second place in Chinese Oral Competition held by Chinese Community of Melbourne.
- Second place in Chinese Writing Competition held by Chinese Community of Melbourne.

### **Languages**

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English	(Native or bilingual proficiency)
Mandarin	(Native or bilingual proficiency)
Hokkien	(Limited working proficiency)

### **Other Interests**

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#### **Music:**

Piano – AMEB (Australian Music Examinations Board): Grade 7.

#### **Human Rights:**

Australian Red Cross, Initiative for Equality, Peace and Justice Organisations.

#### **Miscellaneous:**

Astronomy, aviation, graphics design, music composition, physics, programming, photography.

### **Referrals**

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Provided upon request.