

JUSTIN POON

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## EDUCATION

**January 2019 –  
November 2021**

**Master of Engineering (Civil)  
The University of Melbourne**

- Weighted Average Mark: 82.5
- Letter of Academic Merit (received in Semester 1 and 2, 2019)
- Dean's List (2020)
- Overseas Exchange at Delft University, Netherlands from January to March 2020
- Received Melbourne School of Engineering Exchange Scholarship and Melbourne Mobility Scholarship

**2016**

**Doctor of Medicine**  
*University of Sydney*

- Weighted Average Mark: 79

**2013 - 2015**

**Bachelor of Biomedicine**  
*University of Melbourne*

- Weighted Average Mark: 79.33

## WORK EXPERIENCE

**November 2019**

**Development Team**  
**Fraser's GAMSAT**

*Lead a key part of the development team for Osker, an online natural language processing (machine learning) chatbot. The chatbot was designed to simulate a human patient, enabling health care workers to simulate diagnosing a patient.*

- Lead 3-person team that managed, formatted and labelled data that was being used by the software
- Collaborated with team members to solve technical problems in data formatting and labelling
- Communicated the findings and recommendations to executive leadership
- Successfully obtained endorsement from business owners

**Currently employed  
(began July 2018)**

**Administration Support**  
**Fraser's GAMSAT**

*Performed administrative tasks at the largest educational provider for the Australian Medical Admissions Test with over 400 students across Australia and the UK.*

- Assigned research assignment to find a scheduling software solution that best suited the firm's needs. The software review generated significant positive feedback from the owners upon presentation of the 15-page report
- Analysed the location, academic proficiency and availability of over 75 students each week, to manually create a tailored timetable for each student

## EXTRA-CURRICULAR ACTIVITIES

**August 2019 –  
September 2019**

### **Undergraduate Case Competition – Finalist and Winner Rail Technical Society of Australasia (RTSA)**

*Key author of a winning bid campaign that responded to the request for tender case scenario, earning our team a place in the top 2 out of 37 teams*

- Collaborated with bid team to produce a winning strategy that produced time savings and iteratively improved quality throughout the course of the bid campaign
- Oral presentation of our bid to a panel of railway industry experts from leading Australian engineering firms
- Developed and fostered a team culture of collaboration and best for project thinking during the bid campaign — lead by example using team meetings and regular reviews at critical milestones

**September 2019**

### **Fringe Furniture Exhibition Participant 2019 Fringe Festival**

*The Melbourne Fringe Furniture Exhibition is part of the September arts festival Fringe Festival and encourages both professional and amateur local designers to submit and exhibit work.*

- Autonomously researched and executed woodworking processes, prioritising safety but delivering within time constraints
- Problem solved woodworking issues to find solutions to budget, design principles and time constraints, resulting in the production of an affordable and unique piece of furniture
- Created an exhibition application that was accepted by the selection committee

**May 2019**

### **reBUILD**

#### **Engineers Without Borders University of Melbourne Chapter**

- Worked as part of a team to recycle scrap material into furniture that was donated to the University of Melbourne community garden

## MEMBERSHIPS

**2019 – current**

**Student Member of Engineers Australia**

**2019 – current**

**University of Melbourne Civil and Structural Society**

**2019 – current**

**Engineers Without Borders – University of Melbourne Chapter**

## COMPUTER SKILLS AND TRAINING

- Microsoft Office skills including intermediate Excel capability
- Exposure to Matlab