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 Oscer, 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

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

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**

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