

Jiajin Zheng

MEng (Biomedical) final year student

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Profile

Final year Biomedical Engineering Master student with a strong readiness to learn and eagerness to grow. Experience in designing, simulating and modelling for various biomedical projects. Participating innovation projects with knowledge of business aspects within a cross-disciplinary setting. Self-motivated person who has developed versatile skills outside of study while maintaining a strong academic track record. An effective team player with excellent oral & written communication skills, highly adaptable in different environments.

Education

■ 2018 – Present

The University of Melbourne

Master of Biomedical Engineering (First Class Honours) Major focus in Medical Imaging & Biomechanics Expected to graduate in November 2019

The University of Melbourne

Bachelor of Biomedicine (Second Class Honours A)
Major in bioengineering system
Recipient 2016 Melbourne Global Scholars Award

Other Experience

- July,2018 Oct,2018 Melbourne University

 Prothesis Design Project (team of two)
 - Designing a prosthesis to improve conventional reverse total shoulder arthroplasty using CAD software
- - Designing a gamified neuromuscular rehabilitation device using processed EMG signal
- # 2015 2018

VCE tutor experience

- Professional VCE tutor with 3 years of experience

Internship

in

₱ III Dec,2018 – Feb,2019
₱ Melbourne University

Technical Specialist at The CAREN Lab

- Communicating with multidisciplinary professionals
- Managing human subjects in a professional lab environment. Operating on CAREN system

Relevance Experience

- Mar,2019 Present■ Melbourne University■ Bio-innovation Project (team of four)
 - Identifying needs in the biomedical field
 - Evaluating the feasibility with business aspects
 - Validating concepts by research & interviews
 - Constructing a prototypic model for demonstration
- - Evaluating the feasibility of a business model for CBA

Extracurricular activities

■ **#** Aug,2018

♦ Melbourne University

Guest Speaker

Invited to present about "Healthcare graduate pathway" to the bachelor students.

Mar, 2018

Melbourne University

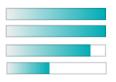
Team Leader for the MSE 2018 Case
Proposed a solution for repurposing retired
ExxonMobil platforms with a multi-disciplinary team

Skills



Languages

Mandarin Chinese (Native)
Cantonese (Native)
English (Fluent)
Japanese (Conversational)



Memberships

- Melbourne University Biomedical Engineering Society
- Melbourne University Competitive Programming Club
- Melbourne University Japanese Club

Certificates

Accredited First Aid Courses, Australia

CPR & First aid

First aid management of Anaphylaxis & Asthma