



# 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
- 2015 – 2017  
**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  
**Prosthesis Design Project** (team of two)  
- Designing a prosthesis to improve conventional reverse total shoulder arthroplasty using CAD software
- Aug, 2017 – Nov, 2017 Melbourne University  
**Biosignal Based Design Project** (team of four)  
- Designing a gamified neuromuscular rehabilitation device using processed EMG signal
- 2015 – 2018  
**VCE tutor experience**  
- Professional VCE tutor with 3 years of experience

## Internship

- 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
- June, 2018 – Oct, 2018 Commonwealth Bank  
**Business model validation Project** (team of four)  
- 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)	<div></div>
Cantonese (Native)	<div></div>
English (Fluent)	<div></div>
Japanese (Conversational)	<div></div>

## 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