**Jiahao Guo**

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**PERSONAL STATEMENT**

A recent graduate with a Masters of Biomedical Engineering from University of Melbourne is seeking a chance to contribute and add value to the right company. Previously I worked as a Biomedical Engineer intern at the General Hospital of Guangzhou Command Military of PLA to assist senior engineers to daily inspect, repair and arrange broken medical devices. More recently, completing my university projects, I further developed my skills to work well as part of a team and achieve the expectations of supervisors. In addition, my communication skills and customer service ability are very well developed as I have worked in a customer facing role for almost a year.

**Technical skills**

**Programming Languages:** Python, MATLAB

**Computer Softwares:**  Microsoft Office (Word, Excel, PowerPoint), Solidworks, OpenSim,

NI Multisim

**EDUCATION**

Feb 2016 - **Masters of Biomedical Engineering**

Jul 2018 University of Melbourne, VIC

GPA: 73.7/100

Sep 2011 - **Bachelor of Biomedical Engineering**

Jul 2015 South China University of Technology, China

GPA: 82.5/100

**PROFESSIONAL EXPERIENCE**

Jan -  **Maintenance Trainee Intern**

Feb 2015 **General Hospital of Guangzhou Command Military of PLA**

Guangzhou, China

* Repaired broken anaesthetic injection machine
* Assisted scheduling repaired devices back to original places
* Completed the routine inspection of medical devices in the operation rooms

**PROJECTS**

Mar -  **Micro-CT image processing for evaluation of joint health**

May 2018University of Melbourne

* Reconstructed 114 pieces of joint space of the rat dataset by OpenVMS
* Analysed the joint space width to determine the significant difference in operation group and control group on SPSS
* Improved prioritisation and optimisation skills by incremental analysis and evaluation of dataset

Jul -  **Innovation Design of helmet protection for epileptic patients**

Nov 2017University of Melbourne

* Analysed the needs of epileptic patients especially children and figured out solutions respectively
* Compared the solutions with those in existing market and modified to fit the medical device regulations (e.g. ARGMA) and avoid infringing patents of other companies
* Set up a timeline, price and reimbursement plan for going into the markets

Mar -  **Noise removal in EEG signals**

Jul 2015South China University of Technology

* Determined the noises present in the EEG signals
* Compared the noise removal outcomes of several algorithms (PCA, ICA and wavelet transform)
* Quantitated the outcomes via SNR

**EMPLOYMENT HISTORY**

Feb 2020 -  **Casual storage assistant, Crown Asian Supermarket**

presentMelbourne

* Directly help customers inside the store
* Restock the grocery shelves when items go out of stock
* Receive, deliver and check expiry date of shipments

Jan 2019 -  **Casual driver and tour guide, self-employed**

presentMelbourne

* Deliver guests between airport and hotel
* Deliver guests between hotel and inspection house
* Introduce attractions to the travellers

Dec 2014 -  **Full-time waiter, Foshan HongJinBao Restaurant**

Feb 2015Foshan, China

* Order meals for customers
* Deliver meals and refill tea to customers
* Take the empty plates

**SOFT SKILLS**

* VIC driver licence
* NAATI interpreter (Mandarin - English)
* Customer service
* Time management
* Teamwork & communication

**AWARDS**

Sep 2012 – Sep 2014 3rd level university scholarship twice in the South China University of Technology

Feb 2019 – present Pearson English Test overall 86 (L81, R90, S80, W89)

**MEMBERSHIP**

Jan 2020 – present Graduate membership in Engineer Australia

**REFEREES**

Available upon request