

# Chen Wang

## Curriculum Vitae

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DOB: June 12th, 1996



### Research Interests

Anomaly Detection, Inverse Reinforcement Learning, Cyber Security, Machine Learning *etc.*

### Education Background

- 08/2021 – Present **The University of Melbourne, Australia**  
*Doctor of Philosophy - Engineering and IT*
- 07/2019 – 07/2021 **The University of Melbourne, Australia**  
*Master of Electrical Engineering*  
WAM: H1 (86.3)
- 09/2015 – 06/2019 **Beijing Institute of Technology, China**  
*Bachelor of Communication Engineering*  
GPA: 4.5/5 (for the major)

### Research Experience

- 12/2020 – 02/2021 Smart Task Assignment for Collision Avoidance of Mobile Robots, *the University of Melbourne*  
ADVISER: *Dr. Tony A. Wood and Prof. Iman Shames*
- 07/2020 – 06/2021 Machine Learning for Trajectory Prediction, *the University of Melbourne*  
ADVISER: *Prof. Jonathan James*
- 01/2019 – 05/2019 Non-invasive Knee Osteoarthritis Detection using Acoustic Emission Signal, *University of Central Lancashire*  
ADVISER: *Prof. LIK-KWAN SHARK*
- 02/2018 – 06/2018 High-accuracy Current Sense Circuit Design, *Beijing Institute of Technology*

### Awards & Honors

- 09/2018 Excellent Student Cadre, Beijing Institute of Technology
- 06/2018 The Second Prize in National Innovative Integrated Circuit and Entrepreneurship Competition for College Students
- 2016 – 2019 Outstanding Student Scholarship, Beijing Institute of Technology
- 2021 Dean's Honour List, the University of Melbourne

### Skills & Abilities

- English Proficiency* IELTS: 7
- Mathematic Theory* Convex Optimization, Theory of Matrices, *etc.*
- Programming* MATLAB, C, PYTHON, SQL,  $\text{\LaTeX}$ , *etc.*
- Software*  $\text{\LaTeX}$ , MS POWERPOINT, MS WORD, MS VISIO, *etc.*