

David Jiashu Wu

Male | 13th June 1997 | Email: jiashu@student.unimelb.edu.au | Phone: +86 13701018358 | Skype: live:davidjiashuwu
LinkedIn: www.linkedin.com/in/david-jiashu-wu | GitHub: github.com/jiashuwu | Website: jiashuwu.github.io

EDUCATION BACKGROUND

The University of Melbourne 2019 – present, expected graduate in 2020

Master of Information Technology (Artificial Intelligence), weighted average mark **87 First Class Honors**

Stream: **Artificial Intelligence**

Major curriculums: Natural Language Processing, Information Retrieval, Machine Learning,
Statistical Learning, Artificial Intelligence, Recommender Systems, Reinforcement Learning etc.

The University of Sydney 2016 - 2018

Bachelor of Science, weighted average mark **86.4 High Distinction**

Top 1% in Faculty of Science, entered **Talented Student Program**, awarded **Dean's List** in 2017 & 2018

Major: **Computer Science**, weighted average **85 High Distinction**

Major curriculums: Data Analytics, Machine Learning, Database, Algorithm and Complexity, Human-
Computer Interaction, Website Design, Computer network, Project Management etc.

Major: **Financial Mathematics and Statistics**, weighted average **88 High Distinction**

Major curriculums: Statistical Models, Data Analysis, Financial Mathematics, Computational Science,
Statistical Tests, Stochastic Processes, Time Series Analysis, Optimization, Statistical Learning etc.

SCHOLARSHIP

2018 **Dean's List of Excellence in Academic Performance**

2017 **Dean's List of Excellence in Academic Performance**

RESEARCH EXPERIENCE

2019 **Computing Research Project**

School of Computing and Information Systems, the University of Melbourne

Project Title: Learning to rank with small set of ground truth data

Supervisor: Professor Rui Zhang, School of Computing and Information Systems

2018 **Talented Student Program** (a.k.a. Dalyell Scholar Program)

School of Information Technology, the University of Sydney

Project Title: Artificial Intelligence for medical screening using Graphonomics (App Development and Testing)

Supervisor: Associate Professor Simon Poon, School of Information Technology

INTERN EXPERIENCE

2019 **Research Intern at Beijing Institute of Technology** 2019.11 – present

- ✓ Research intern on Transfer Learning at School of Computer Science and Technology, supervised by Dr Shuang Li.
- ✓ Substantial amount of research paper reading, experiments, teamwork and active discussions.

2019 **Research and Development Engineer at Profware** 2019.7 – 2019.11

- ✓ Conducted research on recommender systems and information retrieval.
- ✓ Developed an academic searching platform which supports searching and browsing researchers by keywords and research discipline areas, even if the query terms were not explicitly mentioned by researchers in publications.

2017 **Mentor at School of Information Technology, the University of Sydney** 2017.3 – 2017.11

- ✓ Mentor for course INFO1003 Website Design, INFO1103 Java Programming and INFO1105 Data Structures.
- ✓ Helped tutor to answer questions, share my experience with students, demonstrated a good communication skill and interpersonal skill.

2017 **Intern Tutor at Beijing New Oriented Education & Technology Group** 2017.1 – 2017.2

- ✓ Assisted teacher to organize the class, communicated with students' parents, and provided help to students.
- ✓ Demonstrated the ability to communicate effectively, manage time wisely and work under pressure.

PROJECTS

Profware Searching Platform | Academic Searching Platform

- ✓ Supports searching and browsing researchers by keywords, research discipline areas, even if these query terms are not explicitly mentioned in publications.
- ✓ Complement functionalities such as query auto-complete etc.

Pacman | AI Agent | github.com/JiashuWu/Pacman-Project

- ✓ AI agent that can compete in Pacman game. Award full mark in AI course at the University of Melbourne
- ✓ Utilizes AI planning techniques including heuristic search, Q-learning etc.

Neurograph | Android App | jiashuwu.github.io/project_neurograph | github.com/JiashuWu/NeuroGraph

- ✓ A drawing pattern collector which can be used to assist the diagnosis of Alzheimer's Disease.
- ✓ Talented Student Program (research program), supervised by Associated Professor Simon Poon.
- ✓ Research paper reading, efficient program design, active discussion, teamwork.
- ✓ Publicly available in Google Play Store and Huawei App Store, with dedicated documentation and user manual.

Luckydays | Android App | jiashuwu.github.io/project_luckydays | github.com/JiashuWu/Luckydays

- ✓ A note-taking tool combined with remain days counting functionality.
- ✓ Self-learning Android programming and actively discuss on technical forums like Stack Overflow.
- ✓ Publicly available in Samsung Galaxy Store, Huawei, Xiaomi and ALibaba App stores etc.

Strokewise | Website | jiashuwu.github.io/project_strokewise | jiashuwu.info1003.github.io

- ✓ A website aimed to broaden the public awareness towards the Stroke disease.
- ✓ Won the Best Design Award in website design subject at the end of the semester.

TECHNICAL ABILITY

Programming - Mainly use Python and Java, able to use C, R, MATLAB, SQL, HTML, CSS, JavaScript, jQuery.

Technical Skills - Data Mining, Data Analysis, Statistics, Natural Language Processing, Machine Learning.

Tools - Able to use OS such as Windows and Linux, office tools including Microsoft Word, PowerPoint, Excel, Outlook, IDEs including Android Studio, Eclipse, IntelliJ IDEA, Atoms, Sublime Text, Notepad++, Visual Studio, and other softwares including Adobe Acrobat, Adobe Dreamweaver, Adobe Audition and Adobe Photoshop.

Teamwork and project management - Able to use version control tools like GitHub and Bitbucket, teamwork management tools such as Microsoft Project, Microsoft Visio.

LANGUAGE ABILITY

Chinese Native Speaker

English IELTS Academic 7.0, with reading 8.0, listening 8.0, speaking 6.0 and writing 6.0
Lived and studied in Sydney Australia for three years and Melbourne Australia for one year.

TECHNICAL COMMUNITY INVOLVEMENT

Participated in 2016 Google Developer Day in Beijing China.

Actively involved in the open-source community like GitHub, actively participated in forum discussions.