

# David Jiashu Wu

+0061 0401960919 | [jiwu0083@uni.sydney.edu.au](mailto:jiwu0083@uni.sydney.edu.au) | [jiashuwu.github.io](https://jiashuwu.github.io) | [github.com/Jiashuwu](https://github.com/Jiashuwu)

## PERSONAL DETAILS

---

Name David Jiashu Wu

Date of Birth 13<sup>th</sup> June 1997

## EDUCATION

---

2016 – present **Bachelor of Science** the University of Sydney

Major:

- Computer Science
- Financial Mathematics and Statistics

Expected Completion: November 2018

- Key Coursework Subjects
- Computer Science Major
    - Programming
    - Computer Systems
    - Data Structure
    - Operating Systems and Machine Principle
    - Database System
    - Algorithm and Complexity
    - System Analysis and Modelling
    - Data Analysis
    - Internet and Data Communication
    - Human Computer Interaction
  - Financial Mathematics and Statistics Major
    - Differential Calculus
    - Linear Algebra
    - Computational Science
    - Integral Calculus and Modelling
    - Statistics
    - Linear Mathematics and Vector Calculus
    - Statistical Models
    - Statistical Tests
    - Stochastic Processes and Time Series
    - Applied Linear Model
    - Mathematical Computation

Please refer to portfolio for Academic Transcripts.

## PROJECTS

---

- |      |  |
|------|--|
| 2018 | <b>Neurograph</b> <b>Android App</b> <ul style="list-style-type: none"> <li>▪ A drawing patterns collector which can be used to assist the diagnostics of Alzheimer's disease</li> <li>▪ Android application built during the Talented Student Program</li> <li>▪ Available in several app stores including Google Play Store and Huawei App Store etc.</li> </ul> |
| 2018 | <b>Sudoku Solver</b> <b>Program</b> <ul style="list-style-type: none"> <li>▪ A program created using Qt which can solve Sudoku puzzle.</li> <li>▪ Built using C++ and Qt</li> </ul>  |
| 2017 | <b>Luckydays</b> <b>Android App</b> <ul style="list-style-type: none"> <li>▪ A note-taking tool combined with remain days functionality.</li> <li>▪ Android app, involving Java, XML and testing skills.</li> <li>▪ Available in several app stores including Samsung Galaxy App Store and Huawei App Store etc.</li> </ul>  |
| 2016 | <b>Strokewise</b> <b>Website</b> <ul style="list-style-type: none"> <li>▪ A website which broad public awareness towards stroke disease in Australia</li> <li>▪ Built using HTML, CSS Javascript and JQuery</li> <li>▪ Built during INFO1003 with my group, got the Best Design Award at the end of the semester</li> </ul>  |

## PROGRAMMING SKILLS

---

General	C (Since 2015) C++ (Since 2017) Java (Since 2016) Python (Since 2016) Go (A little bit since 2017)
Machine related	Assembly Language (Since 2016) Arduino (Since 2016)
Web Programming	HTML (Since 2016) CSS (Since 2016) Javascript (Since 2016) JQuery (Since 2016)
Android	Building Android app (Since 2017)
Data Analysis & Statistics	Matlab (Since 2016) R (Since 2016)
Database	SQL (Postgre SQL, since 2017) JDBC (Since 2017)
Version Control	Git (Since 2016)
User Interface	Qt (A little bit since 2017)

**COMPUTER SKILLS**

---

Operating Systems	Ability to work with several operating systems: Windows, Linux
Microsoft Office	Microsoft Word, PowerPoint, Excel and Outlook
Adobe software	Adobe Dreamweaver, Adobe Audition, Adobe Acrobat
IDE	Ability to work on several IDEs, including Android Studio, Eclipse, IntelliJ IDEA, Atoms, Sublime text, Notepad++, Visual Studio etc.

**SCHOLARSHIP**

---

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

**RESEARCH EXPERIENCE**

---

2018	Artificial Intelligence for medical screening using Graphonomics (App development part) Talented Student Program, a.k.a. Dalyell Scholars Program with Associate Professor Simon Poon School of Information Technology, the University of Sydney
------	---

**EXPERIENCE**

---

2017	Tutoring and Assistance at New Oriental Education & Technology Group Assisting teacher to organize the class Communication with students' parent Providing helps to students
2016	Mentoring at the University of Sydney for INFO1003 Foundations to Information Technology
2016	Mentoring at the University of Sydney for INFO1103 Introduction to Programming
2016	Mentoring at the University of Sydney for INFO1105 Data Structures

**LANGUAGES**

---

Chinese	Native Speaker
English	IELTS Academic 7.0 with Reading 8.0 Listening 8.0 Writing 6.0 Speaking 6.0

---

Swimming

Cycling

Badminton

Photography

---

## LINKS

Personal Website      <http://jiashuwu.github.io>

GitHub      <https://github.com/Jiashuwu>

---

## REFERENCES

A/P Simon Poon      Associate Professor  
School of Information Technology  
Faculty of Engineering and IT  
Phone: +61 2 9351 4920  
Email: [simon.poon@sydney.edu.au](mailto:simon.poon@sydney.edu.au)

A/P Bing Bing Zhou      Associate Professor  
Undergraduate Director  
School of Information Technology  
Faculty of Engineering and IT  
Rm 415, School of IT Building, University of Sydney, NSW 2006 Australia  
Phone: +61 2 9036 9112  
Email: [bing.zhou@sydney.edu.au](mailto:bing.zhou@sydney.edu.au)