David Jiashu Wu

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PERSONAL DETAILS

Name   David Jiashu Wu

Date of Birth   13th 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	**Neurograph** Android App	

- A drawing patterns collector which can be used to assist the diagnostics of Alzheimer's disease
- Android application built during the Talented Student Program
- Available in several app stores including Google Play Store and Huawei App Store etc.

2018   **Sudoku Solver**   Program
- A program created using Qt which can solve Sudoku puzzle.
- Built using C++ and Qt

2017   **Luckydays**   Android App
- A note-taking tool combined with remain days functionality.
- Android app, involving Java, XML and testing skills.
- Available in several app stores including Samsung Galaxy App Store and Huawei App Store etc.

2016   **Strokewise**   Website
- A website which broad public awareness towards stroke disease in Australia
- Built using HTML, CSS Javascript and JQuery
- Built during INFO1003 with my group, got the Best Design Award at the end of the semester

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)

AWT (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

INTERESTS AND HOBBIES

☐ 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

   A/P Bing Bing Zhou   Associate Professor
                              Undergraduate Director
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