**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** theUniversity 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 Matlab (Since 2016)

& Statistics 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

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Email: simon.poon@sydney.edu.au

A/P Bing Bing Zhou Associate Professor

Undergraduate Director

School of Information Technology

Faculty of Engineering and IT

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