

LUJUN WENG

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

EDUCATION

MSc. Computer Science

School of Computer Science

The University of Adelaide

Feb 2017 - Nov 2018

GPA: 6.467/7.0

BSc. Engineering (Electronics and Communications)

School of Information Science and Technology

Dalian Maritime University

2011 - 2016

GPA: 3.25/4.0

PROJECTS

VSC Terminal (Personal Project)

Jun 2018 - Present

A standalone, multi-platform terminal based on integrated terminal of Visual Studio Code

<https://github.com/LujunWeng/vscterm>

- Motivation: Developers like the integrated terminal of Visual Studio Code and would like to have a standalone version. Check out issue #34442 in vscode's Github repo.
- Modified the source code to remove unnecessary components, such as editor, menu and navigation area.
- Customised setup configuration so that it does not conflict with Visual Studio Code and built an installer for win32-x64 platform.

Research Project (Msc. Computer Science)

Feb - Nov 2018

A Framework for Automated Measurement of Energy Consumption in Multiple Devices

- Developed an Android app that can collect energy-related data and communicate with user's PC.
- Developed a command-line tool that can list available devices and send messages to multiple devices to conduct energy consumption measurement simultaneously.
- Analysed collected data statistically using Jupyter Notebook and Python.
- Involving technologies such as Node.js, Android development, rooting Android devices etc.

Stopfalls (Group project)

Aug - Oct 2017

An elderly gait monitor and falls prevention system

- Worked in a team of 4 to develop a system to detect falls in the elderly and inform caregivers in a timely manner.
- Developed an Android's app for collecting data from various sensors such as barometer and gyroscope.

WORK EXPERIENCE

Engineer (Contract)

20 Nov 2018 - 18 Dec 2018

Trust Provenance Pty Ltd

- Working on dockerization and load testing of an IoT service to make it scalable and be capable of dealing with more concurrent connections.

Research Assistant (Casual)

13 Nov 2018 - Present

School of Computer Science, The University of Adelaide

- Currently working with Dr. Markus Wagner on data extraction from a catalog in PDF and HTML format.

Waiter (Part Time)

Nov 2017 - Jun 2018

Feed Jetty Road, 89 Jetty Rd, Glenelg SA 5045

- Responsible for taking order, answering queries, serving food and drinks, and assisting the employer.
- Multitasked with up to 9 tables of customers at busy times, usually as the only waiter, while the employer was preparing meals.

Captain and Coach (Casual)

2014 - 2016

Volleyball Team, School of Information Science and Technology, Dalian Maritime University

- Managed a team of 6-7 players and organised regular trainings.
- Coordinated in university's volleyball matches.
- Led the team to win twice in games among different schools.

ACCOMPLISHMENTS

Completed Deep Learning Specialization by Andrew Ng in Coursera

March, 2018

Achieved 98/100 in Specialised Programming

Semester 1, 2017

Achieved 96/100 in Introduction to Geometric Algorithms

Semester 2, 2017

**Achieved 100/100 marks for the first two reports
(Introduction to Statistical Machine Learning)**

Semester 2, 2017

Third Prize

2013

ACM's Asia Provincial-National Programming Contest, Liaoning Province

REFEREES

Markus Wagner

Lecturer

The University of Adelaide

Supervisor of research project for Master degree

Contact details provided upon request

Mahmoud Bokhari

PhD Student

The University of Adelaide

Co-supervisor of research project for Master degree

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Jackie Wong

Cafe Owner

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Previous employer

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