Rex Shen

📞 0481775250
 github.com/rezxx
✉ jshe9611@uni.sydney.edu.au

EDUCATION

University of Sydney
Bachelor of Computer Science and Technology(Advanced)(Honour)
Graduated in Dec 2019
Weighted Average Mark 80+
First Class Honour

SKILLS

Languages:
Python, Java, C, C++
HTML, JavaScript, CSS
LaTeX, Datalog, Bash
Frameworks:
Tensorflow, Android
ReactJS, Django, Spring
Databases:
MySQL, PostgreSQL
Apache Flink, Hadoop
Tools:
Git, Vim, Gradle

COURSEWORK

Data Structure
Algorithms
Design Pattern
Machine Learning
Network Security
Natural Language Processing

ACTIVITIES

The Mathematical Contest in Modeling (MCM) Competition

AWARDS

Summer Research Scholarship

EXPERIENCE

University of Sydney   Mar 2019 – Present
Academic Tutor   Sydney, Australia
- INFO1110 – Introduction To Programming. (Python)
- INFO1113 - Object-Oriented Programming. (Java)
- Deliver course content to students in a form of small groups, helping them to reinforce the knowledge learned.

Synopsys   Dec 2018 – Mar 2019
Summer Researcher   Sydney, Australia
- Awarded Summer Research Scholarship from USYD School of Computer Science.
- In cooperate with industrial partner to devise a competitive bug checker running static analysis to find Null Pointer Exception in Java programs.

University of Sydney   Mar 2017 – Nov 2017
Mentor   Sydney, Australia
- INFO1103 – Introduction to Programming
- INFO1003 – Foundation of Information Technology
- Assist tutor to perform teaching responsibilities.
- Help students to solve course related problems as well to develop critical thinking abilities.

PROJECTS

ClearPay 2019
An Android App for splitting bill between users, supporting offline transactions via Bluetooth. Awarded Best App in the competition held within COMP5216.

Digger 2018
A static analysis tool on finding Java Null Pointer Exception. Programmed in datalog with support from Doop framework and Soufflé execution engine.

Birds 2018
A Web music player integration, combined resources from multiple music service providers. Built with ReactJS, Django Restful, AntDesign and deployed in AWS EC2.

02.16.2020