

Rick Jia

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www.ruihanjia.com

TECHNICAL SKILLS

Tech/Frameworks: Android, iOS, Windows Metro/Winform, Nodejs, React, Angularjs, MySQL

Language: Java, C#, Javascript, Html, CSS, SQL, PHP, C++, C, Objective C

Platform: AWS EC2, AWS S3, Openstack

WORK EXPERIENCE

Software Engineer - Open Decisions

Feb 2017

- Setup and deployed OpenStack environment
- Implemented Web Console for SMS system
- Built backend using nodejs, retrieve data from MySQL; built frontend using react

Software Developer - Envision Mobile

May 2013 – May 2014

- Worked on UI improvements, OAuth process and Google Maps implementation on the CAA lines of iOS and Android Apps
- Worked on a Windows 8 Tablet app, including functionality revamp requests from client, local database management, troubleshooting server side issues, and creating installation script
- Documenting the functionality of the underlying code for the Windows 8 Tablet app

RELEVANT ENGINEERING PROJECTS

Software Developer, UofT Course Review, *Personal Website*

April 2017

- Work in progress website, built with MongoDB, Express, Angularjs and Node
- Allow users to submit reviews and ratings for courses, calculate average rating for the courses.
- A prototype can be found at utcr.flowintent.com
- <https://github.com/ruihan-jia/UofTCourseReview>

Software Developer, Flowintent.com, *Personal Website*

Mar 2017

- Personal website, built with jekyll
- Work environment built on AWS ec2 instances
- Website deployed on AWS S3 service
- <https://github.com/ruihan-jia/flowintent>

Software Developer, Android App for browsing website, *Personal Project*

Sept 2016

- App for reddit.com
- Working with JSON and listview, utilizes Reddit API to display information
- <https://github.com/ruihan-jia/redditL>

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Software Developer, EEG controlled snapdragon rover, *School Project* Sept 2015 – Mar 2016

- Detect brainwave and parse into control commands for rover
- Implemented visual feedback system between user and rover using TCP/IP. (ie. User controls camera on the rover with wearable technology)
- Integrate EEG, visual feedback and IOIO board control into android app
- https://youtu.be/HUEduR_Ca9g

Project Manager, Remote controlled light switch, *Personal Project* Aug 2012

- Using Android app to control a light switch with Arduino circuit board
- Implemented using Bluetooth communication

Coder, Communication and Design, *School Project* Sept 2011 – Mar 2012

- Collaborated with team members to create a storage database server that user can remotely access from another computer in the same local network

EDUCATION

University of Toronto Nov 2016

Bachelor of Applied Science and Engineering - (Electrical and Computer Engineering)

VOLUNTEER AND EXTRA-CURRICULAR ACTIVITIES

Vice President, Chinese Martial Arts Club, *U of T* Sept 2010 – May 2016

- Perform various administrative duties such as booking practice location
- Trainer, organize club members and assist with teaching

Volunteer, Centre for Newcomers, *Calgary* Aug 2009

- Completed tax returns for newcomers to Canada from multicultural backgrounds with low income