Rick Jia

Address: 38 Grenville St. Toronto, ON, M4Y 1A5

E-mail: rick.jia@mail.utoronto.ca, Tel: (647) 861-8681

https://ruihan-jia.github.io/

EDUCATION

University of Toronto   *Nov 2016*
Bachelor of Applied Science and Engineering - (Electrical and Computer Engineering)

TECHNICAL SKILLS

Programming Languages: Java, C, C++, C#, Objective C, SQL, Html5, CSS, Javascript
Software: Android Studio, Visual Studio, Eclipse, Xcode, MS SQL server, Matlab, Adobe Photoshop
Experience: Working with Android, iOS, Windows 8 tablet platforms and SQL. Other skills include OAuth, JSON, Google maps API etc

WORK EXPERIENCE

Engineering Intern - Sinopec   *July 2014 – Aug 2014*
- Perform routine checks and conduct testing procedure on power protection utilities
- Monitor the plant grid lines for status of generator, lines, and power output

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, Android App for browsing website, *Personal Project*   *Sept 2016*
- Work in progress app for reddit.com
- Working with JSON and listview, utilizes Reddit API to display information
- https://github.com/ruihan-jia/redditL

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

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 incoome