

# Rick Jia

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

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## EDUCATION

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**University of Toronto**

*Nov 2016*

Bachelor of Applied Science and Engineering

## TECHNICAL SKILLS

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**Programming Languages:** Java, C, C++, C#, Objective C, SQL, Html, CSS, Javascript

**Software:** Android Studio, Visual Studio, Eclipse, Xcode, Matlab, Adobe Photoshop

**Experience:** 2 years of experience working with android, 1 year experience working with iOS, windows 8 tablet, SQL. Other skills include OAuth, JSON, Google maps API etc

## WORK EXPERIENCE

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**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

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**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](https://youtu.be/HUEduR_Ca9g)

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**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**

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**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