

# Richard Li Yang Cheung

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## EDUCATION

McGill University - November 2016

Bachelor of Engineering

Major: **Electrical Engineering**

## SKILLS

### Web Development:

HTML5, JavaScript, CSS,  
AngularJS, Knockout.js,  
Polymer, Bootstrap,  
Materialize

### Programming:

Java, Python, C, C#, C++

### Others:

Git, MATLAB, VHDL,  
Linux, Android, Visual  
Studio

### Interests:

Machine Learning,  
Deep Learning,  
New Emerging  
Technologies

## WORK EXPERIENCES

CMC Electronics - Montreal, Canada Area

### Software Analyst Intern

JAN 2014 – SEPT 2014

- Created SharePoint 2010 workflows and web forms using Knockout.js and Bootstrap
- Developed a wrapper class in C# that optimizes PDF generation from the web form
- Created and managed a database with MySQL
- Contributed in migrating projects from SharePoint 2010 to SharePoint 2013

## PROJECTS

### Arithmetic Speed Drill

MAY 2016 – PRESENT

- Prototyping and developing a web application using Polymer and Firebase

### Microprocessor System

JAN 2016 – APR 2016

- Contributed in developing an Android application for the STM32F4 Discovery board using to display accelerometer and temperature values.

### Spirit&Dust

SEPT 2015 – APR 2015

- Contributed in prototyping and developing an Android application for a non-profit company
- Prototyped a web application for the administrators using AngularJS and Bootstrap

### AM Radio Receiver

SEPT 2015 – DEC 2015

- Designed and tested an AM radio receiver using OrCAD and PSpice A/D

### Music Box

JAN 2015 – APR 2015

- Implemented and tested a music box on Altera's FPGA board using VHDL and Altera Quartus

### StackBot

SEPT 2013 – DEC 2013

- Contributed in designing an autonomous NXT robot in Java capable of stacking blocks while avoiding obstacles