Richard Li Yang Cheung

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EDUCATION

McGill University - November 2016
Bachelor of Engineering   Major: **Electrical Engineering**

SKILLS

Web Development:	**Programming:**	**Interests:**
HTML5, JavaScript, CSS, .NET, AngularJS, Node.js, Polymer, knockout.js, Bootstrap, Materialize	Java, Python, C, C#, C++, Git, MATLAB, VHDL, Android	Machine Learning, Deep Learning, new emerging technologies

EXPERIENCE

CMC Electronics - Montreal, Canada Area

Software Analyst Intern   JAN 2014 – SEPT 2014
- Engineered in full stack with Bootstrap front-end and .NET back-end
- Created SharePoint 2010 and SharePoint 2013 workflows
- Developed a wrapper class in C# to optimize PDF creation using iTextSharp
- Developed Web service to render PDF
- Created and managed a database with MySQL

PROJECTS

Microprocessor System   JAN 2016 – APR 2016
- Developed an Android application displaying accelerometer and temperature values
- Configured SPI to communicate with Android device using BLE

Spirit&Dust   SEPT 2015 – APR 2015
- Android project that gathered traditional and contemporary belief with Parse backend
- Prototyped a web form allowing users to pool contents using AngularJS and Bootstrap

AM Radio Receiver   SEPT 2015 – DEC 2015
- Designed and simulated circuits using OrCad and PSpice A/D to assemble modules
- Integrated the circuit components to complete the radio receiver

Music Box   JAN 2015 – APR 2015
- Designed and simulated modules using VHDL and Quartus's timing analysis
- Integrated modules to complete a music box system on Altera DE1 board

StackBot   SEPT 2013 – DEC 2013
- Object oriented development using Java and Lejos NXT brick with tasks of finding and manipulating styrofoam blocks by autonomous navigation with obstacle avoidance