

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,
.NET, AngularJS, Node.js,
Knockout.js, Polymer,
Bootstrap, Materialize

Programming:

Java, Python, C, C#, C++,
Git, MATLAB, VHDL,
Android

Interests:

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# that optimizes 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 to display accelerometer and temperature values
- Configured SPI to communicate with Android device using BLE

Spirit&Dust SEPT 2015 – APR 2015

- Android mobile development, gathering traditional and contemporary wisdom
- Prototyped a web form for users to contribute contents using AngularJS and Bootstrap

AM Radio Receiver SEPT 2015 – DEC 2015

- Integrated the designed modules using OrCAD, PSpice A/D to complete the radio

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

- Software development, finding and manipulating styrofoam blocks while navigating with obstacle avoidance using Java