

Richard Li Yang Cheung

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EDUCATION

MCGILL UNIVERSITY | B.ENG. IN ELECTRICAL ENGINEERING

Expected November 2016 | Montreal, Quebec

Champlain College | PURE & APPLIED SCIENCE

2009 – 2012 | Saint-Lambert, Quebec

LANGUAGES

PROGRAMMING

-Proficient

Java • C • C# • C++ • HTML • JavaScript

-Intermediate

CSS • VHDL • Python

SPOKEN & WRITTEN

Fluent

English, French

Native Speaker

Chinese

EXPERIENCE

CMC ELECTRONICS | SOFTWARE ANALYST DEVELOPER INTERN

January 2014 – September 2014 | Saint-Laurent, Quebec

- Designed and developed SharePoint 2010, 2013 Web forms using REST service, .NET SDK, and knockout.js.
- Developed a library in C# for generating PDF type file for SharePoint web forms using external library iTextSharp.

PROJECTS

ECSE 489-Telecommunication Laboratory (September 2015 – December 2015)

Developed a DNS client that can read a packet content and output into a terminal. In this class, a simple firewall was also developed in a virtual machine running on Linux.

ECSE 434- Microelectronics Laboratory (September 2015 – December 2015)

Designed an AM receiver which consist of a preamplifier, demodulator, baseband amplifier, and output stage with a speaker.

ECSE 323-Digital System Design (January 2015 – April 2015)

Designed and developed a music box system implemented in an Altera's DE1 FPGA Board using VHDL.

ECSE 427- Operating System (September 2014 – December 2014)

Developed a simple OS shell, which provides directory and jobs commends, a user-level threads package, a simple file system, which provides creation, deletion, reading, and writing of given files with C.

ECSE 221- Design Principles and Methods (September 2013 – December 2013)

Designed and developed a tri-wheel robot using NXT Lego that was able to grab and stack Styrofoam blocks at a specific location with Java.