

PROFILE

Recent Computer Engineer graduate with a minor in Computer Science with software engineering industry experience

CONTACT

Montreal, QC, Canada

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SKILLS

- ❖ Proficient
 - Java
 - C#
 - C/C++
- ❖ Intermediate
 - Python
 - HTML
 - Sass/CSS
- ❖ Novice
 - JavaScript/jQuery
 - Matlab
 - VHDL

PROJECTS

- ❖ Developed a secure password system using a PNG file coupled with a character based password
- ❖ Built an autonomous robot with Lego NXT Kit and implemented a navigation algorithm in Java
- ❖ Implemented and tested a 32-bit MIPS pipeline processor in VHDL
- ❖ Designed an optimized convolution algorithm for FPGA using Fast Fourier Transform

EDUCATION

MCGILL UNIVERSITY

SEP 2011 – DEC 2015

B.Eng. Computer Engineering, Minor in Computer Science

McGill University, Montreal, QC, Canada

KOREA UNIVERSITY

AUG 2014 – DEC 2014

Student Exchange Program

Korea University, Seoul, Republic of Korea

EXPERIENCE

UBISOFT ENTERTAINMENT

MAY 2015 – AUG 2015

Generalist Programmer

Montreal, QC, Canada

- ❖ Software development in the Technology Group, working on the animation graph editor tool using C++ and C#
- ❖ Displayed the different animations and blends of a character on the engine side
- ❖ Implemented a function to rearrange the graph using simulated annealing

APPVELOPPERS

MAY 2014 – MAY 2015

Android Developer

Appvelopers, Montreal, QC, Canada

- ❖ Development of an open source Android mobile application for students to access the university portal with a team of undergrad McGill students
- ❖ The application received great reviews and has been downloaded more than a 1,000 times on the Google Play Store

SILANIS TECHNOLOGY

MAY 2014 – AUG 2014

R&D Intern

Montreal, QC, Canada

- ❖ Mapped REST API calls to the company's Java and .NET SDKs using TDD
- ❖ Wrote and maintained JUnit and NUnit tests
- ❖ Documented the SDKs in the company's DokuWiki and wrote JavaDocs and sample code for customers

MCGILL UNIVERSITY

NOV 2013

CodeJam @ McGill Hackathon

Montreal, QC, Canada

- ❖ 2nd place team out of more than 140 participants
- ❖ Developed in 48 hours a web application to display in real time a prediction of McGill's power consumption for a 16 hour window

RADIO IP INC

MAY 2012 – AUG 2012

Software Engineer Intern

Longueuil, QC, Canada

- ❖ Ported the C/C++ source code to Android by configuring a Java Native Interface
- ❖ Designed and developed a REST API in Java for the Android mobile client