

JEAN-PHILIPPE GAUTHIER

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EDUCATION

Candidate for Master of Mathematics, Computer Science

2015-now

University of Waterloo, Waterloo, Ontario

Relevant courses

Software Design & Architecture
Design and Analysis of Algorithms
Software Engineering for Big Data
Principles of Programming Languages

Experimental OS Techniques
Software Defined Clouds and Network
Privacy Enhancing Technologies
Advanced Compiler Design

Bachelor of Computer Engineering

2010-2014

Université de Sherbrooke, Sherbrooke, Québec

Awards

Academic Excellence (2011-2014)
E.P.I.C.S (2013)

EXPERIENCE

Fortem

W12, F12, S14
Montréal

Software Engineer Intern

Fortem is the company behind Omnipresence 3D, an advanced Security Management Software
Designed and implemented many major features on the server side of the solution in C#
Integrated many third party systems such as video management and access control systems
Contributed to many improvements in the software development process

Morgan Stanley

Fall 2013
Montréal

Software Developer Intern

Participated in the development of a Fixed Income Offerings Search engine
Lead the development of a web application using modern JavaScript and a Scala back-end
communicating to existing services
Closely worked with managers and financial advisors to improve the web application

Dynacom

Summer 2011
Laval

Software Developer Intern

Collaborated to the development of a Business Management Solution
Designed and implemented several external modules for customers
Searched, analyzed and advised new technologies for new projects

PROJECTS

Hashi | Android | Play | Java | PostgreSQL

Summer 2015

Hashi is a specialized location-based service that deals with the complex nature of sushi restaurants

Yuleks | React | Flux | Express | Socket.IO | MongoDB

Winter 2015

Yuleks is a web application that aims to reverse the process of searching for lodging

µCtrl | QT | C++ | QML | Node.js | MongoDB | wit.ai

2014

µCtrl is an open-source hardware and software platform designed to seamlessly bridge the smart devices in a smart home

SKILLS

Programming Languages

C | C++ | C# | Java | Javascript | Scala | Scheme |
Ruby | Python

LANGUAGES

French
English

Frameworks

Play | QT | ASP.NET | Node.js | React | Flux |
AngularJS | Ruby on Rails

INTERESTS

Music | Guitar | Piano
Sports | Ski | Rugby
Books
Movies

Operating Systems

OS X | Unix | Linux | Windows

Tools

IntelliJ IDEA | Visual Studio | Git | Jenkins | AWS