

## Summary

A University of Ottawa co-op student studying to be a software engineer, with a strong interest in web technologies. Enthusiastic about the industry, and excited to work on projects that have a big impact on people's lives. Programming is a passion, and clean, efficient, and understandable code is personally important, regardless of the project.

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## Education

**BASc in Software Engineering, CO-OP**  
**University of Ottawa (Ottawa)**

*2012 to December 2016 (expected)*

- Currently in third year, second semester
  - University of Ottawa Admission Scholarship
  - Current CGPA of 8.7
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## Experience

### Open Source Developer

An open source contributor on GitHub account [morinted](https://github.com/morinted).

- Original projects include:
  - a rolling log implementation for AngularJS paired with Cordova, with a focus on using promises (futures) for synchronous code.
  - a schedule generator for the University of Ottawa. This Java project used a UML code generator for its core data structures, has a Swing/AWT GUI, draws on a Canvas, and uses a client/server architecture. The web scraping component is made up of two Python scripts. One is a selenium web-driver job that explores the uOttawa website to grab all the course names, and the second is a multi-threaded script to grab the course details, and parses the data with BeautifulSoup and RegEx.
- Developed features and fixed bugs for Plover, open source stenography software written in Python.
- Submitted bug reports with follow-up for the Ionic framework and the Ionic keyboard.

**Telepin Software**  
**Mobile Application Developer**

*May 2014 to April 2015*

Built a mobile application for mobile transactions using the Ionic framework.

- Created a mobile application in Ionic with a team, and carried it through design, development, and into user acceptance testing.
- Employed test driven development with an end-to-end and unit test suite to ensure that the application was always customer-ready.
- Conducted and received code reviews using Gerrit.
- Tracked issues and development goals with Atlassian Jira.
- Wrote documentation in Atlassian Confluence for the application for future developers, including guides for environment setup and design documents explaining major decisions.
- Conducted the JavaScript portion of interviews for development positions and aided in selecting candidates.

## **Citizenship & Immigration Canada**

### **GCMS Automated Tester**

*May 2013 to August 2013*

- Ensured new builds of the GCMS were functional and fast, using automated tests.
- Redesigned the test-running Java GUI to be more concise by reducing clutter and predicting user action.
- Automated the running of the regression test suite using an AutoHotKey script to retrieve tests from a queue held on the intranet, then running the tests on up to seven computers at once.
- Created VBA macro-enabled Excel spreadsheets to automate manual tasks that the team had been assigned.

## **RB Computing Inc.**

### **Computer Technician and Sales**

*July 2011 to present day*

- Build, sell, diagnose, and repair Windows PCs.
- Compile the bi-weekly newsletter.
- Write scripts in Node.js, AutoHotKey, and VBA (Excel) for various in-store tasks, such as verifying that a list of products exist on the website.

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## **Technical Skills**

### **Technologies**

- JavaScript, Ionic Framework, AngularJS, Node.js, jQuery
- PostgreSQL, MongoDB
- VBA, Excel, VB.NET
- Python, Django
- AutoHotKey
- Java
- C++

### **Tools**

- Comfortable with GNU/Linux, Windows, and OS X.
- Adept with terminal Git.
- Issue tracking with Jira and GitHub.
- Favorite developer tools include Sublime Text, IBM Eclipse, and IDEA IDEs such as WebStorm and IntelliJ.
- Use of Markdown, LaTeX, and Pandoc for near all text work.

### **Hobbies**

- Built, programmed, and now use ErgoDox keyboards.
- Type in the Norman keyboard layout, an efficient alternative to QWERTY.
- Practice machine real-time stenography using Plover.
- Fly and build custom quadcopters.
- Create style sheets to redesign websites for personal use.

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## **References**

Please email me for more contact information and references.