

## About Ted

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. Clean, efficient, and understandable code is personally important, regardless of the project. Prefer working with a team in a position that allows for growth and learning.

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## Technologies

JavaScript	Ionic	AngularJS	Node.js	jQuery
Java	Python	Django	VB.NET	C++
PostgreSQL	MongoDB	VBA	PHP	AutoHotKey

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## Experience

### Open Source Developer

An open source contributor on GitHub account [morinted](#).

- Original projects include:
  - + a rolling log implementation for AngularJS paired with Cordova, with a focus on using promises (futures) for asynchronous 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

*May 2014 to April 2015*

### Mobile Application Developer

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.
- Practiced test driven development with an end-to-end and unit test suite to ensure that the application was always customer-ready.
- Performed 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. This reduced the time it took to run a regression test of a build to half of that of a manual run, and only required one member of the team.
- 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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## Skills

### Tools

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

### Hobbies

- Building, programming, and using ErgoDox keyboards.
- Typing in the Norman keyboard layout, an efficient alternative to QWERTY.
- Practicing real-time machine stenography using Plover.
- Flying and building custom quadcopters.
- Creating style sheets to redesign websites for personal use.

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## Education

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

*2012 to December 2016 (expected)*

- Currently in third year, second semester
- University of Ottawa Admission Scholarship
- Current CGPA of 8.7/10 (3.90/4)

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## References

Please [email](#) for more contact information and references.