

Tim Etchells

Software Developer

<https://github.com/tetchel>

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[LinkedIn](#)

EDUCATION

- **Western University** London, ON
B.Sc. Honors Specialization Computer Science *Expected graduation April 2018*
 - Minor Software Engineering
 - 3.9 GPA in Computer Science and Math courses
 - Dean's Honor List last two years of study

EXPERIENCE

- **IBM - WebSphere Developer Tools** Toronto, ON
Software Developer *May - August 2015, May 2016 - August 2017*
 - Developed an Eclipse plugin in Java providing development tools for WebSphere
 - Designed and implemented a continuous-integration build system for [IBM's OpenLibertyTools](#)
 - Documented and programmed defect fixes, usability improvements and feature enhancements in both product and build code
 - Automated, improved, and wrote test cases using JUnit and Eclipse's SWTBot
- **Sunnybrook Hospital** Toronto, ON
Technical Support Analyst *June - August 2014*
 - Answered and resolved tech support calls that could not be resolved over the phone
 - Dealt directly with clients to resolve both software and hardware issues on varied platforms
- **Personal Projects**
 - *Please see my GitHub above for examples of my work.*

SKILLS

- **Development:** Extensive Java experience, skilled in Python, Bash, C#, Intermediate JavaScript, HTML/CSS, C, C++. Skilled in object-oriented design and development across these languages, and comfortable with functional paradigms as well. Experience developing for desktop, web, and Android platforms.
- **Release Engineering:** Experienced in managing version control and build tools for large projects using Git and GitHub, Ant, Gradle, and Maven.
- **Testing and QA:** Excellent understanding of testing and QA principles, the various types and levels of testing, continuous testing in an agile environment, and test automation to make all of the above easier and more maintainable.
- **Task Automation:** Skilled in writing and maintaining scripts to automate workflow tasks, especially under a Linux environment. Highly comfortable with *nix command-line and associated tools such as ssh, vim, grep/awk/sed, rsync, curl. Able to tie these together with Bash or Python.