

# Tim Etchells

Software Developer

<https://github.com/tetchel>

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[LinkedIn](#)

## EXPERIENCE

- **IBM - WebSphere Developer Tools for Eclipse** Toronto, ON  
*Software Developer* *May - August 2015, May 2016 - August 2017*
  - Documented and programmed defect fixes, usability improvements and feature enhancements in both product and build code
  - Designed and implemented a continuous-integration build system for IBM's OpenLibertyTools
  - 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 handled over the phone
  - Worked directly with clients to fix both software and hardware issues on various platforms
- **Personal Projects**
  - Please see my pinned *GitHub* repositories for examples of my work.
  - shexter and shexter-client - An Android app and Python command-line interface for sending and receiving texts on your computer without requiring an external server
  - tablequiz - Simple webapp using express.js to generate and save quizzes from spreadsheets
  - C# Game Development - A GTA5 minigame, and a Unity editor plugin to facilitate localization of in-game strings

## SKILLS

- **Development:** Extensive Java experience. Skilled in Python, Bash, C#. Intermediate JavaScript, HTML/CSS, C. Experienced across the stack. Skilled in object-oriented development.
- **Release Engineering:** Experienced in managing version control and builds for large projects using tools such as Git and GitHub, Travis-CI, RTC, Ant, Gradle, and Maven.
- **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.
- **Testing and QA:** Excellent understanding of testing and QA principles, the various types of testing, continuous testing in an agile environment, and test automation including UI testing.

## EDUCATION

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