

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*
 - Located, documented and programmed defect fixes, usability improvements and feature enhancements in both product code and internal build tools
 - Designed and implemented a continuous-integration build system for [IBM's OpenLibertyTools](#)
 - Automated, improved, and wrote test cases using JUnit and UI test automation tools
- **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. Strong in object-oriented development and design. Experienced developing for Windows, Linux, web and Android platforms.
- **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