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 - Aug. 2015, May 2016 - Aug. 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 mod/minigame, a simple 3D game in Unity, 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, SQL, 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