

# Tim Etchells

Software Developer

<https://github.com/tetchel>

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[LinkedIn](#)

## EXPERIENCE

- **IBM - Microclimate** Toronto, ON  
*Software Developer* *July 2018 - Present*
  - Author of the [Microclimate Tools for Visual Studio Code](#), an open source extension that integrates with Microclimate to support easy containerized development and debugging.
  - Author of the VS Code extension's [user documentation](#) and [continous integration system](#) for automating builds, tests, and publishes.
  - Improved Microclimate's support for application debug, user experience and onboarding, documentation, and developer workflow automation features.
- **IBM - WebSphere Developer Tools** Toronto, ON  
*Software Developer (Intern)* *May 2016 - Aug. 2017*
  - Identified and fixed defects, usability enhancements, and automated test issues.
  - Designed and implemented a continuous-integration build system for the [OpenLibertyTools](#).
- **Personal Projects**
  - *See my [GitHub](#) for more examples of my work.*
    - [shexter](#) and [shexter-client](#) - Send and receive texts in your command-line using only your local network. Built with Android, Python.
    - [fradio](#) and [fradio-client](#) - Synchronize your Spotify with your friends' to hear what they do in real time. Built with Flask, Android, MySQL.
    - [slack-explorer](#) - Create a live, interactive network graph and other visualizations of your Slack workspace's channels and group messages. Built with TypeScript, Expressjs, Mongo.

## SKILLS

- **Languages:** Strong Java, TypeScript/JavaScript, Bash, Python. Intermediate C#, html/css, SQL.
- **Tools:** VS Code, Eclipse, Travis, git/GitHub, vim, Expressjs, Mochajs, JUnit, MySQL, Mongo.
- **Runtimes and Platforms:** Node.js, Android, Linux, macOS, Docker, Kubernetes, Unity.
- **Paradigms:** Cloud-native containerized development, open source, agile project management, continuous integration, workflow automation, developer-first tooling.

## EDUCATION

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