# Tim Etchells

Software Developer
https://github.com/tetchel

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LinkedIn

## EXPERIENCE

- **IBM - Codewind**  Toronto, ON
  *Staff Software Developer*  *July 2018 - Present*
  - Author of Codewind for VS Code, an extension to facilitate cloud-native, containerized development.
  - Responsible for a wide variety of duties including planning, designing, developing, testing, implementing continuous integration, publishing, writing documentation, and providing support to users.
  - See https://github.com/eclipse/codewind-vscode for source code and pull requests.
  - Also refer to issues I opened, and issues I participated in.

- **IBM - WebSphere Developer Tools**  Toronto, ON
  *Software Development Intern*  *May 2016 - Aug. 2017*
  - Identified and fixed defects, usability problems, and automated test issues.
  - Designed and implemented a continuous integration build system for the OpenLibertyTools.

- **Personal Projects**
  *Refer to my GitHub for more examples of my work.*
  - shexter and shexter-client - Send and receive texts in your command-line using only your local area network. Built with Android (Java), Python.
  - fradio and fradio-client - Synchronize your Spotify with your friends' to hear the same music as they do, in real time. Built with Flask (Python), Android (Java), MySQL.
  - slack-explorer - Create a live, interactive network graph and other visualizations of your Slack workspace's channels and group messages. Built with TypeScript, Express.js, Mongo.

## SKILLS

- **Languages:** Strong TypeScript/JavaScript, Java, Bash. Intermediate Python, C#, HTML/CSS, SQL.

- **Tools:** VS Code, Eclipse, git/GitHub, npm, Travis, Jenkins, Express.js, Mocha.js, JUnit, webpack.

- **Runtimes & Platforms:** Node.js, Android, Docker, Kubernetes, Unity, Linux, macOS, Windows.

- **Paradigms:** Backend development, IDE extensions, REST, open source, agile project management, continuous integration, test automation, workflow automation.

## EDUCATION

- **Western University**  London, ON
  *Bachelor of Science*  *April 2018*
  - Honors Specialization in Computer Science, Minor in Software Engineering
  - Together, this specialization and minor are accredited by CSAC as a Software Engineering degree.
  - 3.9 GPA in Computer Science and Math courses
  - Dean's Honor List last three years of study

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