

# Timothy Elgersma

2B, University of Waterloo, Computer Science

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## Summary of Qualifications

- **Languages:** C, C++, Java, Javascript (Coffeescript and Typescript),  $\text{\LaTeX}$ , Python, Scheme (Racket), SQL
- **Tools:** Android Studio, exposure to AWS S3 & Route 53
- Commended by managers for being a hardworking and dependable team member
- Excellent verbal and written communication skills demonstrated through interaction with clients and coworkers
- Successful in teams and self-directed settings, as evidenced by solo and team projects

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## Experience

SEPTEMBER – DECEMBER 2018

### Software Developer – Encircle

- Designed, implemented, and tested Encircle's Moisture Mitigation report generator using Python and SQLAlchemy.
- Mastered a PDF generating library and mentored a full time employee on that library
- Rewrote and refactored Coffeescript and Typescript mobile core to reduce bugs, increase coherency, and reflect new model changes
- Designed a new server-side model traverser that properly respects the user's access control list

MARCH 2016 – AUGUST 2017

### Barback and Banquet Server – Eagles Nest

- Provided excellent customer service by anticipating and addressing guest's service needs
- Exceeded manager's expectations by working efficiently and skillfully, resulting in additional responsibilities

JUNE 2017 – AUGUST 2017

### Graphic Designer and Camp Leader – Community Church of Richmond Hill

- Designed promotional materials to attract new members from the community using Adobe Illustrator, InDesign, and Photoshop, resulting in increased awareness of available programs
- Developed and implemented weekly schedules, activities, and programming for camp groups
- Demonstrated professional communication skills through interaction with clients

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## Projects

JANUARY 2019

### Course Names – Chrome Extension

- Adds the course name as hover text to any University of Waterloo CS course code
- Uses vanilla Javascript to parse Waterloo website and replace occurrences on the current page

MARCH 2018

### Back-end Developer – Scavenger

- Created an Android application in which users can report littered areas that other users can clean for points
- Manipulated and stored user data to allow access across app fragments in Java
- Planned, designed, and programmed in a 5-person multi-discipline team in 24 hours at StarterHacks

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## Education

SEPTEMBER 2017 – PRESENT

### Bachelor of Computer Science – University of Waterloo

- Currently enrolled in 2B of a Bachelor of Computer Science
- **Relevant Courses:** CS 246 (Intro to Object Oriented Programming), CS 241 (Compilers), CS 240 (Data Structures and Algorithms)