

## EXPERIENCE

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### Test Automation Developer

Toronto, ON

*Polar (formerly Polar Mobile)*

Apr. 2013 – Aug. 2013

- Designed automated testing architecture using Buildbot to automatically run tests written in Java.
- Helped company achieve continuous deployment by setting continuous integration using Buildbot, reducing cycle time significantly.

**Key Technologies:** Java, JUnit, Eclipse, Selenium, Buildbot.

## PROJECTS

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### UW Food Menu

*Waterloo Food Services Android App*

Mar. 2013 – Present

- Designed a parser to asynchronously retrieve and parse JSON data from the Waterloo API into data to be displayed in app.
- Integrated with Google Maps API to display location data.
- Created intuitive UI using popular Android design patterns.
- Implemented Python and PHP scripts to parse API data and store in a MySQL or SQLite database.

**Key Technologies:** Java, Eclipse, Python, PHP, MySQL.

## EDUCATION

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### Candidate for Bachelor of Applied Science

Waterloo, ON

*University of Waterloo*

Sept. 2012 – Present

- **Relevant Projects**

- Android Map Navigation App**

- Designed an Android application to algorithmically navigate a user past obstacles to a chosen destination using an SVG map.
    - Implemented constant polling from magnetic field and gyroscope sensors to determine the user's position and orientation.
    - Created a finite state machine to determine user's movements.