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# Stefan Rokitnicki-Wojcik

*3B Honours Computer Science Co-op*

## SUMMARY

I consistently learn to improve my programming capabilities in hopes that one day I can revolutionize some aspect of everyday life. I also enjoy teaching and demonstrating for others what I have learned. At my previous placement, I performed best when given a challenging task to solve and implement as a feature in a web application.

## EXPERIENCE

### Web Applications Developer, Enflick Inc.

Waterloo, Ontario — 2014

- Updated TextNow.com web calling and increased its stability by implementing WebRTC technologies
- Developed a web portal by converting old php TextNow subdomains and merged all of them into a single application using Node.js and Express.js framework
- Created a single page web application which allows TextNow users to manage their personal information leveraging the power of Angular.js and Node.js
- Was responsible for 5000-10000 simultaneous users

### Full Stack Developer, Canadian Tire Innovations

Kitchener, Ontario — 2013

- Designed and developed full working proof-of-concept web applications using a full stack in JavaScript
- Implemented a survey application with profiles, teams, and survey creation and editing
- Created two applications for kiosks to display information about outdoor activities
- Leveraged skills in HTML5, CSS3, Backbone.js, Node.js, Mongoose and other JavaScript framework technologies
- Worked with PhoneGap technologies to bring mobile web applications to the native platforms Android, iOS and BlackBerry

### Software Tester, CryptoMill Technologies

Toronto, Ontario — 2013

- Tested constantly changing software and created multiple videos using After Effects
- Developed scripts in Python and PowerShell for stress testing the software
- Was in charge of taking snapshots from the testing machines and reimaging them back to their original state
- Improved teamwork testing and time management skills

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# Stefan Rokitnicki-Wojcik

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## EDUCATION

### University of Waterloo

Waterloo, Ontario — 2011-present

## SKILLS

- Strive to be continuously challenged
- Team player and enthusiastic while working in groups
- Familiar working in an agile environment
- Easily adapt to new information and efficiently work through feedback
- JavaScript, Node.js, Angular.js, Backbone.js, Passport.js, jQuery, WebRTC
- MongoDB, Phonegap, C++, C, Java, Android SDK, Scheme, Python, AutoHotKey

## PROJECTS

### Project YawHide

yawhide.herokuapp.com

- Built server-side backend, web crawlers, AutoHotKey scripts, parsing algorithms and the desktop web application
- Grocery store flyer prices are taken and stored manually through custom made HTML parsing, web crawling, and AutoHotKey scripts.
- Languages used: Node.js, Backbone.js, Mongodb, JavaScript, HTML5, CSS3, jQuery, AutoHotKey, and Mustache.js.

### Bonified

bonified.herokuapp.com

- One week spent learning the Node.js and Backbone.js frameworks, on a simple memory game with a retro highscore implementation.
- Languages used: Node.js, Backbone.js, Mongodb, JavaScript, HTML5, CSS3, jQuery, and Handlebars.js

## REFERENCES

Available upon request.