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 it 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 merging all of them into a single application using Node.js and Express.js framework
- Created a single page web application that allows TextNow users to manage their personal information, leveraging the power of Angular.js and Node.js
- Rewrote the store application to utilize dynamic pricing and text using Node.js and EJS templates as opposed to having static assets and data

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
- 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 their 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

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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
- Angular.js, Backbone.js, JavaScript, jQuery, Node.js, Passport.js, Sock.js, WebRTC
- Android SDK, AutoHotKey, C, C++, Java, MongoDB, Phonegap, Python, Scheme

PROJECTS

Project Sobeys
yawhide.com/projectyawhide
- 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
yawhide.com/bonified
- 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

Participated at Hack The North 2014
http://prod-robot-01.cloudapp.net/
- Created a digital personal assistant using Wit.ai and Twilio
- A user asks a question through text or calling which is then answered using Freebase or Wolfram Alpha

REFERENCES

Available upon request.