Nagee Elghassein

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http://isthisnagee.github.io
Student ● Developer

EDUCATION

BSc. Computer Science; Mathematics   Sep 2014 – Dec 2018
University of Toronto, Toronto, Ontario, CA

Relevant Courses: Human Computer Interaction, Design of Interactive Computational Media, Principles of Programming Languages, Compilers and Interpreters, and Computer Graphics.

WORK EXPERIENCE

Software Engineering Intern, Intuit   Sep 2017 – Aug 2018
Languages & Frameworks: C#, Java, JavaScript (React, Angular), Delphi

- Making professional accountant software a delight to use.

Software Developer Intern, Intel   May 2017 – Aug 2017
Languages & Frameworks: PHP (Symfony), JavaScript (jQuery, Angular)

- Improved key test automation system components for continuously testing SSDs.
- Contributed to building a modern web application for the administration of continuous validation workflows on state-of-the-art SSDs. Used actively by both firmware devs and management, and increased team productivity by 20-30%.
- Improved the New Product Integration engagement process and roadmap schedule tracking.

Web Developer Intern, Sacramento Municipal Utility District   Jun 2016 – Aug 2016
Languages & Frameworks: C#, Javascript, ASP.NET, React.js, HTML, CSS

- Using ASP.NET and ReactJS, built and designed the an internal web tool for easily editing config files that exist on remote servers.

Student Programmer, University of Toronto Work Study   Oct 2015 – Feb 2016
Languages & Frameworks: Django, Javascript

- Engineered the back-end for a linguistics tool aimed at assisting professors with grading, as well as teach introductory students about phonetic rule interactions.

Student Assistant, California Department of Transportation   Jul 2015 – Sep 2015
Languages & Frameworks: Python, Javascirpt, HTML, CSS

- Developed the front end for a course training catalog
- Created scripts for gathering job description data and integrated that data with a work breakdown structure database.

SELECTED PERSONAL PROJECTS

Project Lead: Course Pages, Web Development Club   Current
Languages & Frameworks: html,css,js | *Github*: uoftweb/CoursePages
Currently leading a team of 5 in designing and building an HTML, CSS, and JS framework for developing responsive, mobile first course pages, to be proposed to the University of Toronto's Department of Computer Science as a standard for public course pages.

Desktop   Dec 2016
Languages & Frameworks: Angular | *Github*: isthisnagee/desktop
Based on the Sequitor Algorithm for inferring compositional hierarchies from strings, Desktop can recognize and automate repeated tasks..

Java To CRC   Dec 2015
Languages & Frameworks: Ruby | *Github*: isthisnagee/Java_to_CRC
A tool made for CSC207 students at the University of Toronto that allows Java projects to be turned into CRC (Class-Responsibility-Collaboration) Cards, and outputs a PDF of cards for every Java Class in the project.

Hackathons   2014 onwards
Competed and presented at various hackathons, including EquityHacks, UoftHacks (II, III, IV, V), BostonHacks, McHacks, WildHacks (where I gave a lighting talk on Vim), HackWestern, and others.

HOBBIES

Reading, Soccer, Vim.