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

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

- Making professional accountant software a delight to use.

Intel, Software Developer Intern   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.

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

University of Toronto, Student Programmer   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.

California Department of Transportation, Student Assistant   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.