

# Nagee Elghassein

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

EDUCATION	<b>BSc. Computer Science; Mathematics</b> University of Toronto, Toronto, Ontario, CA Focusing in Software Engineering and Artificial Intelligence <i>Relevant Courses:</i> Software Design, Design of Interactive Computational Media, Data Structures and Analysis, Principles of Programming Languages, Computer Organization.	Sep 2014 – May 2018
WORK EXPERIENCE	<b>Web Developer Intern, Sacramento Municipal Utility District</b> <i>Languages &amp; Frameworks:</i> C#, Javascript, ASP.NET, React.js, HTML, CSS <ul style="list-style-type: none"><li>Using ASP.NET and ReactJS, built and designed the backend and front end of an internal web tool for easily editing config files that exist on remote servers.</li><li>Made UI suggestions to the design team for the MyAccount page, where users can check electricity usage, pay bills, request moves, etc.</li><li>Began the work for a TFS migration and update, from a single tier 2012 version to a two-tier 2015 version.</li></ul> <b>Student Programmer, University of Toronto Work Study</b> <i>Languages &amp; Frameworks:</i> Django, Javascript <ul style="list-style-type: none"><li>Engineered the back-end for a linguistics tool aimed at assisting professors with grading, as well as teach introductory students about phonetic rule interactions.</li></ul> <b>Student Assistant, California Department of Transportation</b> <i>Languages &amp; Frameworks:</i> Python, Javascript, HTML, CSS <ul style="list-style-type: none"><li>Developed a front-end application for an online course training catalog that lets Caltrans employees search for courses and training offered by the Dept. of Transportation.</li><li>Created scripts for gathering job description data and integrated that data with a work breakdown structure database.</li></ul>	Jun 2016 – Sep 2016  Oct 2015 – Feb 2016  Jul 2015 – Sep 2015
SELECTED PERSONAL PROJECTS	<b>Skool</b> Github: <a href="https://github.com/isthisnagee/skool">github.com/isthisnagee/skool</a> <i>Languages &amp; Frameworks:</i> Node.js (ES6), Mocha A command line interface for managing courses and document templates. Gives users the ability to interpolate course documents, open textbooks on the fly, and manage the state of their school directory. <b>Java To CRC</b> Github: <a href="https://github.com/isthisnagee/Java_to_CRC">github.com/isthisnagee/Java_to_CRC</a> <i>Languages &amp; Frameworks:</i> Ruby 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. <b>FlightPicker</b> <i>Languages &amp; Frameworks:</i> Java, Android Worked in a team of three in an adapted agile environment to build an Android application for booking airline tickets. Provides the functionality to store, retrieve, and update flight information, as well as information about clients. Allows a user to book and search for Itineraries by providing origin, destination, and travel dates information. <b>Epsilon Delta</b> Github: <a href="https://github.com/isthisnagee/Epsilon-Delta">github.com/isthisnagee/Epsilon-Delta</a> <i>Languages &amp; Frameworks:</i> Python, Flask, HTML5/CSS3 A website that generates proofs based on user given parameters (a limit and a function) to help students understand the structure of $\epsilon - \delta$ and general proofs. It currently handles some elementary functions ( $ax \pm b$ and $ax^2 \pm b$ )	Current  Dec 2015  Nov 2015  Dec 2014
HOBBIES	Soccer, reading, Vim	