

Nagee Elghassein

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

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| EDUCATION | BSc. Computer Science; Mathematics University of Toronto, Toronto, Ontario, CA Focusing on Artificial Intelligence and Scientific Computing. <i>Relevant Courses:</i> Enriched Theory of Computation, Software Design, System Programming, Computer Organization, Data Structures and Analysis. | Sep 2014 – May 2018 |
| WORK EXPERIENCE | Web Developer Intern, SMUD <i>Languages & Frameworks:</i> C#, Javascript, ASP.NET, React.js, HTML, CSS <ul style="list-style-type: none">Using APS.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.Made UI suggestions to the design team for the MyAccount page, where users can check electricity usage, pay bills, request moves, etc.Began the work for a TFS migration and update, from a single tier 2012 version to a two-tier 2015 version. Student Programmer, University of Toronto Work Study <i>Languages & Frameworks:</i> Django, Javascript <ul style="list-style-type: none">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 <i>Languages & Frameworks:</i> Python, Javascript, HTML, CSS <ul style="list-style-type: none">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.Created scripts for gathering job description data and integrated that data with a work breakdown structure database. | Jun 2016 – Sep 2016 Oct 2015 – Feb 2016 Jul 2015 – Sep 2015 |
| SELECTED PERSONAL PROJECTS | Skool Github: github.com/isthisnagee/skool <i>Languages & 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. Java To CRC Github: github.com/isthisnagee/Java_to_CRC <i>Languages & 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. FlightPicker <i>Languages & 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. Epsilon Delta Github: github.com/isthisnagee/Epsilon-Delta <i>Languages & 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 | |