

JEFFERSON LI

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Summary of Qualifications and Skills

- Great understanding of **computer science concepts** by scoring 93% in Introduction to Computer Science II, which covers topics such as recursion, linked lists, trees and maps.
- Good understanding of the **application development process** gained by developing numerous collaborative and solo projects
- Passion for **taking on difficult challenges** shown by **volunteering to build numerous ePortfolio sites** for family and friends, as well as **building multiple personal projects**. Of which can be found on github
- Highly **motivated and eager** in **learning** demonstrated by selfing learning technologies such as Flask, and android studio, currently learning AJAX to communicate between databases and JS via JSON
- Strong **communication** skills exhibited in planning events with team members in the UTSC CS Club, helped over 500+ students at UTSC with academic events (AMACSS)

Education

Candidate, Honours Bachelor of Science (2nd year)

September 2018 - Present

University Of Toronto Scarborough

GPA - 3.8/4.0

- Software Engineering Specialist, Statistics Minor
- University of Toronto Dean's List Scholarship

Relevant Experiences and Projects

Share Location Web App

August 2019 - Present

- Used **Python** (flask) for backend, to update and retrieve user coordinates using a **SQL** database
- Used Ajax and django to pass coordinate data from Python to JS and vice versa
- A prototype is hosted at : <http://jeffersonlii.pythonanywhere.com/>

Phone Usage Parental Control App

May 2018 - July 2018

- Ability to collaborate and influence others
- Debugged by writing unit tests of edge cases using built in tools in android studios
- Showed genuine interest in software development and gained deeper knowledge of the android system, by exploring activities and how android handle different situations
- Demonstrated curiosity and an ability to learn independently, as android studio was fully self-taught. The app was finished over the span of 6 weeks, from knowing nothing, to a finished product

User authenticated Website

January 2019 - may 2019

- Used **Python** (flask) for backend, to interact with grades and submissions stored in a **SQL** database
- Used accepted querying and authentication techniques to ensure best performance
- Used **JS** for stylistic animations such as the 'new user' popup for creating a new entry
- The site is hosted at : <http://jeffersonli.pythonanywhere.com/>