

JEFFERSON LI

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Education

Candidate, Honours Bachelor of Science (3rd year)

September 2018 - Present

University Of Toronto

GPA - 3.81/4.0

- Software Engineering Specialist
Statistics Minor
- **Relevant Courses:** DBs and Web Applications **A-**, Systems programming **B+**, Intro to Machine Learning **A**,

Experiences

Full Stack Developer

January 2020 - September 2020

Temerity Analytics

- Responsible for building out platform features **both on the frontend, as well as the backend**. This includes **building out frontend Angular components**, as well as the relevant **backend Django REST API**. Also experienced in project deployment using **AWS**
- Demonstrated **zeal** by **professionally** representing the company during **outside occasions**, such as **recruitment and data partner visits**
- Emphasized the importance of **testing**, and single-handedly pushed and implemented a **frontend/backend testing methodology**
- Shown **great skill and ability to learn fast**, demonstrated by being trusted with the **planning and implementing a massive redesign and rewrite** of our admin interface, completed fully to specification 1 week before the deadline
- Received a **final performance evaluation** of '**Excellent (exceeded job requirements in all areas)**', and **full-time offer** after graduation

Project

SportsCred Web App

September 2020 - January 2021

- With a **team of 6**, we created a large platform for **competitive debates and trivia** on sports league related topics, using **Angular and Django**
- Displayed **leadership and tenacity** by **leading group representation**, as well as acting as the **main frontend developer** of the group
- Personally responsible for **logins, authentication, my profile, and admin page**, utilizing technologies such as **JWT** for security
- Demonstrated great understand of the **NgRx/Redux workflow** by implementing it as the **core data flow architecture**
- **This resulted in an 89% grade**

Personal Portfolio

November 2020 - Present

- To develop an **extendable and responsive website** showcasing my **achievements and experiences**
- Rehailed my personal portfolio website using new technologies and frameworks I've learned during my **8-month work term as a full stack developer**
- Used **React** and draggible library to create a unique design
- Insured **high extensibility** by centralizing all strings in strings.json. This allows easy insertion of new projects and internationalization
- Inspired by the **Macintosh "System 1" OS**

Share Location Web App

August 2019 - September 2019

- Used **Python** (flask) for backend, to update and retrieve user coordinates using an **SQL** database
- Exhibited **high motivation and passion** by self-learning the technologies needed for this project (**Flask, Ajax, JSON**)
- Used **Ajax** and **Django** to pass coordinate data from Python to JS and vice versa

Technical Skills

Web Dev :

- JS/TS/HTML/CSS
- Angular/React
- Django/Django REST Framework/Django ORM
- SQL/PostgreSQL/SQLite
- Advanced Javascript
 - RxJS
 - Redux
 - NgRx

General :

- C
- Python/NumPy
- Java
- Shell/Bash

Tools:

- Windows/macOS/Linux(Ubuntu)
- Android Studio
- Microsoft Office Suite
- Git/SVN
- Jira

Accomplishments

FIRST Robotics 2018

- 1st place for automation
3rd place overall

Awards

UofT Dean's Scholarships

- Awarded to students with 3.5+ GPA with a full course load

UofT Entrance Scholarship (\$1.5k)

- Awarded to applicants with 90+ high school average

Interests and Hobbies

- Swimming
- Weight Training
- Dragon Boating
- Photography
- Machine Learning