# JEFFERSON LI

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## EDUCATION

**University of Toronto**                                          *September 2018 - Present*
- **Software Engineering Specialist**
- **Statistics Minor (BSc)**                                                *GPA - 3.81/4.0*

**Relevant Courses**: Software Design, Intro to Software Engineering,  Systems programming
                                Intro to Machine Learning,  Programming on the Web, Algorithms and Datastructures

## EXPERIENCE

**Full-Stack Developer - Temerity Analytics Inc.**                *January 2020 - September 2020*
- Implemented frontend **Angular** components, as well as the backend **Django REST API**
- Shown **dependability** by being trusted  with the  rewrite of our admin interface, completed fully to specification 1 week before the deadline
- Received a final performance evaluation of **'Excellent'**

## PROJECTS [>more](#)

**Pathfinder [>link](#)**                                                   *April 2021*
- Built an easy to use visualizer for **pathfinding** algorithms
- Supports painting **custom maps**
- Implemented using **0 libraries and vanilla JS** to minimize overhead
- All **data structures and algorithms** built **natively** to better learn the algorithms

**Cafe.ml [>demo](#)**                                             *January 2021 - April 2021*
- Created an omegle like platform with a smart matching system
- Utilized **socket.io** and **PeerJs** to implement **video chatting**, as well as **screen sharing**
- Deployed using **Docker**, **Docker Compose**, and **NGINX** on a DigitalOcean VM

**SportsCred Web App**                                          *September 2020 - January 2021*
- Designed and implemented a large platform for competitive debate, trivia, and predictions, using an **Angular** and **Django** stack, using **Jira** for project management
- Displayed **leadership** and tenacity by leading group representation, as well as acting as the **lead frontend developer** for a team of 6
- Selected as the **best web app** out of the **entire class of 30 groups**, and received work offers from the client

## TECHNICAL SKILLS

**Languages:** Javascript/Typescript, HTML/CSS, Python, Java, C
**Frameworks/Libraries:**  Angular, React, RxJS, Redux, NgRx, npm, Django, NumPy, Matplotlib, PeerJs, Socket.io
**Database:** PostgreSQL, SQLite, Neo4j, MongoDB
**Tools:** Git, SVN, Jira, Postman, Windows, macOS, Linux
**Other:** Docker, Docker Compose, NGINX

## INTERESTS AND HOBBIES

Swimming, Weight Training, Dragon Boating, Photography