



## Experience

### Software Engineer Intern • TD • Mississauga, ON

May 2020-Aug 2020

- Developed a native testing application in Android Studio using Java with a user credential database in SQL
- Integrated multiple native features such as Face ID, Touch ID, access to built-in camera and a push notification system using REST APIs that had 12% faster response time than the previous version
- Improved unit testing and created documentation to enhance usability for clients

## Hackathons & Projects

### Número

- Trained and developed a machine learning application that is used to help decipher handwritten digits (~80% accuracy)

**Languages & Tools :** Python, Numpy, Keras, Tensorflow

### Stockify

- Trained a LSTM network to analyze data and predict future stock trends (<20 seconds)
- Generated a trend visualization using Matplotlib

**Languages & Tools :** Python, Numpy, Keras, Pandas, Matplotlib

### Flamingo (Delta Hacks VI 2020)

- Developed a web application that helps users suffering from mental health illness to get in touch with their emotions through various ways such as an inspirational randomized quote generator, daily journal entry section and external help sources nearby
- Designed a web scraping algorithm in Python to generate inspirational quotes to uplift the users' mood

**Languages & Tools :** Python, NodeJS, JavaScript, HTML, CSS, MongoDB

### Biased (Yale Hacks 2019)

- Developed a Google-Cloud-Vision enabled web application that recognizes company logos and returns information that reveals the environmental impact of a company
- Designed a web scraping algorithm in JavaScript that returned information on keywords such as climate change, environment, pollution

**Languages & Tools :** JavaScript, Firebase, NodeJS, HTML, CSS

## Education

### B.Eng, Software Engineering, McMaster University

Expected Apr 2023

- Honors Entrance Scholarship (\$2000)
- Relevant courses: Data Structures and Algorithms, Discrete Math, Software Development, Principles of Programming

### Deeplearning.AI, Coursera Education Platform

Jan 2021

- Acquired extensive knowledge of RNNs, CNNs, ANNs, LSTMs, optimization algorithms
- Completed the 5-course specialization provided by Coursera

## Skills

**Languages:** Python, C, Java, JavaScript, MySQL, HTML, CSS

**Tools & Frameworks:** Numpy, Tensorflow, Keras, ReactJS, NodeJS, Pandas, Seaborn, Matplotlib