



Experience

Full Stack Software Engineer Intern • *HSBC* • Toronto, ON

May 2021-Dec 2021

- Created and implemented new features to the Data Catalog, which included improving the dashboard capabilities resulting in expansion to the United Kingdom Team and was commended by the Senior Management Team for the successful integration.
- Analyzed and propagated data from landing source files and migrated them to production clusters for data usage, which also encompasses ingesting data from various sources to targets through JuniperX.
- Managed high risk/priority production level jobs on Global Support and resolved all job failures.

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

Stockify

- Trained a LSTM network to analyze data and predict future stock trends (<20 seconds)
- Generated a trend chart 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
- Relevant courses: Data Structures and Algorithms, Discrete Math, Computer Architecture, 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, JuniperX