

BRANDON RAO

MACHINE LEARNING PRACTITIONER

PROFESSIONAL SUMMARY

Dependable and organized Machine Learning candidate with a strong background in Mathematics, Statistics and teaching with a passion for collaborative growth through continuous learning.

WORK EXPERIENCE

SR. BUSINESS APPLICATION ANALYST

TD Bank, Toronto, ON / Dec 2021 – Present (>2 years)

- Facilitated training of over **1800 colleagues** in Databricks through hosting live training courses and hands-on workshops.
- Creator of centralized documentation website for our data platform, which has been accessed by over **4,000 unique users**.
- Contributing member of the enterprise Tableau hands-on training program to improve data visualization skills of colleagues.
- Building expertise in **MLOps**, including **MLflow** and the machine learning lifecycle, with hands-on experience and a strong commitment to implementing scalable, reproducible pipelines.
- Developed and implemented key training material on Cloud tooling such as Azure Synapse, Databricks, and Tableau best practices.

DATA ANALYTICS AND REPORTING INTERN

TD Bank, Toronto, ON / Sep 2020 – Dec 2021 (1 year)

- Developed Tableau dashboard which gave usage insights of Hadoop ecosystem consisting of over **1,200 members**.
- Delivered technical training webinars around big data tools (Oozie & Git / Bitbucket) for **150+ data driven colleagues**.
- Led team of interns to win end-of-term work experience competition & presented to program supervisors.

FINANCIAL ANALYST INTERN

Explora Partners, Toronto, ON / Aug 2019 - Dec 2019 (4 months)

- Designed and implemented Python web scraping applications to automate the collection of data on potential acquisitions & contacts for distribution to the team in generated Excel spreadsheets.
- Saved hours of work for my co-workers by developing unforeseen automated processes.

Certifications: Azure Fundamentals, Databricks Lakehouse Fundamentals, Certified Databricks Data Engineer Associate

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📍 Toronto, ON

LINKS

- [linkedin.com/in/BrandonRao](https://www.linkedin.com/in/BrandonRao)
- [Brao.ca](https://brao.ca)
- github.com/RaoBrandon

EDUCATION

UNIVERSITY OF TORONTO

HBSc. Mathematics and Statistics
(Completed Nov 2022)

SKILLS

- Databricks, Python, PySpark, R, Jupyter Notebooks, Azure
- SQL (Hive & Impala) RDBMS
- Tableau Data Visualization
- Git Distributed VCS
- Statistics & Mathematics

PROJECTS

Disaster Response NLP Pipeline

Natural Language Processing pipeline that categorizes disaster messages for first responders.

Stack Overflow Survey Analysis

Complete blog post and analysis of the 2024 Stack Overflow Developer Survey.

California Housing ML Model

Regression ML model to predict housing prices in San Diego.