

# BRANDON RAO

## DATA ENTHUSIAST

### PROFESSIONAL SUMMARY

Organized and dependable data & analytics candidate successful at managing multiple priorities while maintaining a strong work ethic and exhibiting a positive attitude. Willing and capable to take on added responsibilities while working through ambiguity in order to meet team goals and exceed expectations with little supervision.

### WORK EXPERIENCE

#### DATA ANALYTICS INTERN

*TD Bank Group, Toronto, ON / Sep 2020 - Present*

- 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.
- Built well documented and automated Python / PySpark scripts to collect, clean and transfer data to be used in Tableau workbooks.
- Led team of interns to win end-of-term work experience competition & presented to program supervisors.

#### MATHEMATICS AND STATISTICS TUTOR

*Tutor Doctor, Toronto, ON / Dec 2018 - Feb 2020*

- Improved the grades of high school students by strengthening their entry level university calculus, trigonometry and statistics to prepare them for course material in university.
- Developed comprehensive lesson plans that accommodated students' diverse needs by adapting course content and delivery style.

#### ANALYST INTERN

*Explora Partners, Toronto, ON / Aug 2019 - Dec 2019*

- Designed and implemented Python web scraping applications to automate the collection of data about potential acquisitions / contacts and stored all of the information in excel spreadsheets to distribute to the team.
- Saved hours of work for my co-workers by developing unforeseen automated processes.
- Consistently and successfully met deadlines while surpassing performance indicators set by managers.

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📍 Toronto, ON

### LINKS

- Brao.ca
- github.com/RaoBrandon
- linkedin.com/in/BrandonRao

### EDUCATION

#### UNIVERSITY OF TORONTO

HBSc. Mathematics and Statistics  
(Graduation date Dec 2021)

##### *Relevant Coursework*

- Regression Analysis
- Categorical Data Analysis
- Probability
- Computer Science
- Linear Programming

### TECHNICAL SKILLS

#### Tooling

- Python, PySpark, R, Jupyter Notebooks
- SQL (Hive & Impala) RDBMS
- Tableau Data Visualization
- Git Distributed VCS
- Microsoft Excel

#### Expertise

- Statistical Data Analysis
- Big Data development
- Web & Script Automation
- Regression Machine learning
- Hadoop Platform

## **WORK EXPERIENCE (CONT.)**

### **CO-OP ANALYST**

*411.ca, Toronto, ON / Sep 2016 – Feb 2017*

- Ensured relevant company information was displayed on the website by sorting and modelling data using Excel.
- Created and maintained computer / telephone setups for new employees and sustained an organized work environment.

## **PROJECTS**

### **CALIFORNIA HOUSING MACHINE LEARNING PROJECT**

*Python & Jupyter Notebooks*

- Machine learning project that predicts house prices based on parameters such as house location, age, size, the total number of rooms and bedrooms, etc.
- Built using a Python Jupyter notebook that takes advantage of linear regression algorithms.

### **SCOTTS DIRECTORIES WEB SCRAPER**

*Python*

- Collects all parameters of data on any company in any specified city in Canada automatically.
- Utilizes Python's Selenium library for web automation to scrape data from the Scott's Directories website.

### **TORONTO & CALGARY WEATHER DASHBOARD**

*Tableau*

- This project uses Toronto and Calgary weather data throughout the past 45 years to answer important climate change questions with intuitive visualizations.
- Identifies trends over time in temperature recordings that highlights the impact of global warming.

## **SKILLS**

Design thinking / problem solving

Teamwork & collaboration

Organization & time management

Communication & delivery

Customer support & experience