



# Brandon Rao

## 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 in order to meet team goals and exceed expectations.

## Work History

### TD Bank Group - Adoptions Data Analytics and Reporting Intern

Toronto, ON

09/2019 - Current

- Built well documented and automated Python/ PySpark scripts to collect, clean and transfer data to be used in Tableau workbooks.
- Responsible for the development and maintenance of Tableau dashboards to gain key insights on business-related data.
- Led team of interns to win end-of-term work experience competition & presented to program supervisors.

### Tutor Doctor - Mathematics & Statistics Tutor

Toronto, ON

12/2018 - 02/2020

- 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.

### Explora Partners - Analyst Intern

Toronto, ON

10/2019 - 01/2020

- 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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## Links

- brao.ca
- <https://github.com/RaoBrandon>
- [https:// linkedin.com/in/brandonrao](https://linkedin.com/in/brandonrao)

## Soft Skills

- Time management
- Critical thinking
- Teamwork & presentation
- Interpersonal communication
- Organization
- Friendly personality

## Skills

### Expertise

- Statistical data analysis and modeling
- Working with big data
- Web and script automation
- Regression machine learning

### Tooling

- Python, PySpark & R
- SQL (Hive & Impala)
- Tableau
- Git
- Microsoft Excel

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## ***Work History (Cont.)***

### **411.ca - Co-op Analyst**

Toronto, ON

09/2016 - 02/2017

- 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.
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## ***Projects***

### **Scotts Directory 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.

### **California Housing Machine Learning Project**

*Python*

- 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.

### **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.

## ***Education***

Expected in 12/2021

**University of Toronto**

Toronto, ON

Bachelor of Science: Mathematics and Statistics

### **Relevant Coursework Completed:**

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