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

Soft Skills

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

Technical Skills

Expertise
- Statistical data analysis and modeling
- Big data development
- Web and script automation
- Regression machine learning

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

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.

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