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 / Oct 2019 - Jan 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
- 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