

# Brandon Rao

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## ABOUT ME

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- **Skilled In:** Python, SQL, R, Tableau, Hadoop, Statistical Data Analysis, Web Automation, Microsoft Excel, Statistical Modelling, Machine Learning

## PROFESSIONAL EXPERIENCE

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### Explora Partners

**Oct. 2019 – Present**

*Analyst Intern*

*Toronto, ON*

- 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

### Tutor Doctor

**Dec 2018 – Feb 2020**

*Mathematics and Statistics Tutor*

*Toronto, ON*

- 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

### McDonald's

**Jan 2016 – Jan 2020**

*Crew Member (Cook and Cashier)*

*Toronto, ON*

- Cook, cashier, inventory, interacted with customers and developed work-related interpersonal skills
- Awarded "Employee of the Month" for consistently going above and beyond in the workplace

### 411.ca

**Sept 2016 – Feb 2017**

*Co-op Analyst*

*Toronto, ON*

- 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 kept the server room organized

## PROJECTS

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### Scotts Directories Web Scraper

- 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

- 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 basic linear regression algorithms

### Raid Availability Scheduler

- Python script that reads a local player availability Excel spreadsheet to launch an executable user interactive program that allows the user to select a time based on overlapping availability time slots

## EDUCATION

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### University of Toronto

**2016 – 2021**

*BSc. Honours, Mathematics and Statistics*

*Toronto, ON*

- Relevant course work includes: Regression Analysis, Linear Programming, Computer Science, Probability, Linear Programming, Graph Theory