




GRANT FORSYTHE

Statistics & Commerce Graduate | Hamilton, ON, Canada

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Education

McMaster University

Honours Bachelor of Science in Mathematics and Statistics

Hamilton, ON

Sep. 2019 - Apr. 2021

DeGroote School of Business - McMaster University

Honours Bachelor of Commerce, Minor in Economics

Hamilton, ON

Sep. 2015 - Apr. 2019

Relevant Coursework

- Mathematical Modeling
- Regression Analysis
- Linear Algebra
- Time Series Analysis
- Computer Science
- Data Science
- Multivariable Calculus
- Statistical Inference

Technical Skills

Languages: Python R HTML CSS Bash L^AT_EX SQL

Tools & Environment: Git Unix\Linux Excel Docker Windows Vim VS Code

Frameworks & Databases: Flask MySQL

Libraries: NumPy Pandas Matplotlib Scikit-Learn

Experience

Personal Tutor

Self-employed

Hamilton, ON

Jun. 2020 - Present

- Privately tutored several students in mathematics, statistics, and Python
- Taught concepts such as probability, multivariable calculus, financial mathematics, and object-oriented programming

Assistant Front-End Supervisor

Fortinos

Hamilton, ON

Oct. 2014 - Mar. 2021

- Proficiently managed store closing procedures and actively trained new employees by displaying preeminent communication skills
- Exceptional interpersonal and team-building skills with an aptitude for building rapport with a diverse range of customers, managers, and colleagues
- Established a reputation for prompt, efficient service with a high level of accuracy, receiving annual recognition and enhancing customer satisfaction

Sales & Marketing Intern

Agile Financial Technologies

Dubai, UAE

Jun. 2016 - Sep. 2016

- Collected and analyzed public data on more than 200 financial service companies in the Caribbean
- Summarized data to develop presentations for senior management about prospective leads
- Conducted an email marketing campaign to thirteen companies leading to several potential clients


Projects

Stock Bot | Python Reddit API Bootstrap CI\CD

 wsbpickz.com

- Parse comments on posts across various investing subreddits to find popular stocks
- Implemented software engineering techniques to automatically parse comments every hour and deploy a web app

Gym Reservation Bot | Python Selenium Google Calendar API Docker

 [gym-bot](#)

- Registers for the earliest available time slot at my gym and creates an event for the session in a Google Calendar

Goodwin-Keen Model | Python NumPy SymPy SciPy Matplotlib

 [goodwin-keen](#)

- Designed and implemented the Goodwin-Keen economic model in a five person group

Interests

- Cinematography
- Philosophy
- Video Games
- Machine Learning\AI