




GRANT FORSYTHE

Math & Commerce Graduate | Hamilton, ON, Canada

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Education

McMaster University

Bachelor of Science in Mathematics and Statistics

Hamilton, ON

Sep. 2019 - Apr. 2021

McMaster University

Bachelor of Commerce; Minor in Economics

Hamilton, ON

Sep. 2015 - Apr. 2019

Relevant Coursework

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

Technical Skills

Languages: Python R HTML+CSS JavaScript C Bash L^AT_EX SQL
Tools & Environment: Git Docker Unix\Linux Windows Vim VS Code
Frameworks & Databases: Flask MySQL
Libraries: pandas NumPy Matplotlib

Experience

Personal Tutor

Jun. 2020 – Present

Self-employed

Hamilton, ON

- 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

Oct. 2014 – Mar. 2021

Fortinos

Hamilton, ON

- 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

Jun. 2016 – Sep. 2016

Agile Financial Technologies

Dubai, UAE

- 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 Flask Bootstrap GitHub Actions 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

 **grantwforsythe/gym-bot**

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

Personal Website | HTML CSS JavaScript

 **grantwforsythe.com**

- Deployed the static website via GitHub Pages.

Interests

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