GRANT FORSYTHE

Statistics & Commerce Graduate | Hamilton, ON, Canada

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Education

McMaster University   Hamilton, ON
Honours Bachelor of Science in Mathematics and Statistics   *Sep. 2019 - Apr. 2021*

DeGroote School of Business - McMaster University   Hamilton, ON
Honours Bachelor of Commerce, Minor in Economics   *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 | LaTeX | SQL

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

Frameworks & Databases: Flask | MySQL

Libraries: NumPy | Pandas | Matplotlib

Experience

Personal Tutor   Hamilton, ON
Self-employed   *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   Hamilton, ON
Fortinos   *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   Dubai, UAE
Agile Financial Technologies   *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