

Cameron Beneteau

+1 (226) 350-6170 | beneteac@mcmaster.ca | in/cameronbeneteau | cameronbeneteau.github.io | github.com/cameronbeneteau

HIGHLIGHTS OF QUALIFICATIONS

- 2+ years of internship experience in Web Application Development, Distributed & Parallel Systems, and DevOps methodologies.
- Developed Windows/Mac **scripts to automate routine** developer environment setup tasks, decreasing onboarding time by 99%.
- Built an automated LinkedIn lead generation tool with Python, Selenium, and AWS, achieving **10k+ proposals and \$25k+ revenue**.
- Won **1st place** in RBC algorithmic trading competition using Python and Backtrader to create a unique algorithm and presentation.
- Launched 2 rockets, **led 50+ members, and managed a \$15,000 budget** as a Project Manager for the McMaster Rocketry Team.

EDUCATION

Bachelor of Mechatronics Engineering and Business Management (Co-op)

Sept 2019 – Apr 2025

McMaster University

Hamilton, ON

- Cumulative GPA of 4.0/4.0.
- Deans' Honour List, Golden Key International Honour Society (top 15% of class), McMaster Entrance Scholarship (\$1000).

EXPERIENCE

Quantitative Developer Intern, Quantitative Investments

May 2024 – Present

Royal Bank of Canada (RBC) Global Asset Management

Toronto, ON

Software Developer Intern, Development Success

Sept 2022 – Apr 2024

Caseware

Toronto, ON

- Owned development of a feature flag library with **Angular, NestJS, and DynamoDB**, allowing developers to seamlessly toggle software features, improving deployment flexibility, and mitigating risks with downtime, outages, and on-call bug fixing.
- Created streamlined Windows and Mac scripts to automate developer environment setup, **reducing onboarding time by 99%**.
- Reduced pipeline wait times from **10 minutes to 10 seconds**, cutting GitHub runner costs and boosting developer productivity.

Software Developer Intern, Quantitative and Technology Services

May 2022 – Aug 2022

Royal Bank of Canada (RBC) Capital Markets

Toronto, ON

- Enhanced full-stack features using **JavaScript** and **jQuery**, growing website engagement to over **60,000 unique daily page views**.
- Modified back-end processes, resulting in a **50% reduction in time** spent on publishing tasks for authors and developers.
- Developed front-end web components using **HTML, CSS, and Bootstrap**, improving website performance and user experience.

Software Developer Intern, Mechatronics Division

May 2021 – Aug 2021

CenterLine (Windsor) Limited

Windsor, ON

- Revamped ordering application using **React** and **TypeScript**, improving efficiency and scalability for over 1000 orders per day.
- Optimized back-end queue processes using **SQL** and **Visual Basic**, **decreasing user wait times from hours to seconds**.
- Engineered REST APIs to extract data in an efficient manner, improving user experience and data visualization techniques.

PROJECTS

ProFinder Automation | *Proprietary code for an actual business*

- Created a Python and Selenium tool to automate outreach and lead generation for LinkedIn professionals, totalling over 10,000 proposal submissions, daily time **savings of 2 hours, and \$25,000+ in generated client revenue**.
- Integrated Amazon Web Services (S3, DynamoDB, EC2, CloudWatch) to drive scalability, optimize performance, and monitoring.

Line Following Robot | *github.com/cameronbeneteau/line-following-robot*

- Engineered an autonomous real-time embedded system using an Arduino Uno microcontroller and sensors to follow a black line.
- Designed and implemented **C++ control algorithms** that interfaced with hardware sensors (Ultrasonic, QTR, Servo) for control.

INVOLVEMENT

Quantitative Analyst, Quant Group

Oct 2023 – Present

DeGroot Finance & Investment Council (DFIC), degrootefinance.ca/quant-team

Hamilton, ON

- Developed quantitative trading algorithms using Python and QuantConnect, enabling automated arbitrage trading and back-testing.

Project Manager, Marauder I Rocket

Sept 2021 – Apr 2022

McMaster Rocketry, macrocketry.ca

Hamilton, ON

- Directed a cross-functional team of **50+ members and managed a \$15,000 budget**, successfully coordinating the engineering, manufacturing, and launch of the university's first-ever high-powered rocket in 2 major international competitions.

SKILLS

Languages: Python, TypeScript, C++, C, C#, Java, JavaScript, MATLAB, SQL, HTML, CSS

Technologies: Angular, React, NodeJS, AWS, Git, MongoDB, Docker, Terraform, Terraform, Selenium, Jest, OpenAPI, Linux

Concepts: REST APIs, Databases, Cloud Computing, Distributed Systems, Microservices Architecture, Object-Oriented Programming