

Maya Samra

2A Honours Mathematics Student

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🌐 <https://github.com/mayasamra> ➦ <https://mayasamra.github.io/WebPage/>

Skills

Python | Java | HTML | CSS | JavaScript | Pandas | Git | R

Projects

Personal Website

HTML, CSS, JavaScript

- Created a digital portfolio of my knowledge of software
- Developed with HTML, CSS, and JavaScript to create an interactive experience
- Organizes my experience in a format that can frequently be updated and maintained

Stock Fetch

Python

- Developed a program that retrieves desired stock data from user-specified dates
- Utilized Pandas and Matplotlib to visualize different components of stock data
- Allows for the organization of complex data for comparison

J.A.R.V.I.S. Demo

Python

- Designed a program that takes voice commands from the user and performs basic tasks
- Implemented Google Text-To-Speech and Speech Recognition
- Promotes accessibility in operations such as sending emails or checking the weather

Slingshot Simulation

JavaScript

- Created a simulation using a physics engine in JavaScript
- Demonstrates viable physics that takes gravity, elasticity, and mass into account

Professional Experience

05/2022 – 08/2022

Junior Software Developer

Bounce Back Digital

- Designed, coded, and debugged various programs in a multitude of languages
- Developed ideas alongside a team of senior programmers
- Refined code for efficiency and user experience

12/2021 – present

High School Math & Physics Tutor

- Reviewed and taught high school math & physics concepts
- Hosted online meetings using virtual presentation & illustration methods
- Encouraged young students to be more confident in tough subjects

Education

09/2022 – 2027

Candidate for Honours B.Math (2A)

University of Waterloo

09/2021 – 06/2022

Honours B.C.S: Computer Science - Software Engineering Stream

Carleton University

Dean's List Academic Standing