

Maya Samra

2A Honours Mathematics

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in /maya-samra-b811711b4/ ➦ <https://mayasamra.github.io/WebPage/>

Skills

- Python
- CSS3
- Java
- React
- Javascript
- R
- HTML5
- Git

Experience

- May 2022 – Aug 2022 **Junior Software Developer**
Bounce Back Digital
- Created programs using various languages to enhance frontend and backend
 - Developed ideas over virtual meetings to connect with remote team members
 - Refined and updated code using team GitHub for greater efficiency
- Dec 2021 – present **High School Math & Physics Tutor**
- Taught math & physics concepts over Zoom to help students improve performance
 - Illustrated techniques over Notability to demonstrate problem-solving
 - Encouraged young students with advice to help them develop confidence

Projects

Personal Website

HTML, CSS, JavaScript

- Created a digital portfolio using HTML, CSS, and JavaScript to demonstrate my skills
- Imported libraries in JavaScript to create a visually interactive experience
- Organized my experience on a GitHub page to update and maintain it frequently

Stock Fetch

Python

- Developed a program that retrieves desired user-specified stock data and organizes it
- Integrated Matplotlib to process Pandas data and visualize different components
- Constructed a system with Matplotlib for data comparison within graphs

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 using Python to program responses
- Promoted accessibility using SpeechRecognition to expand practicality

Slingshot Simulation

JavaScript

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

Education

- Sep 2022 – 2027 **Candidate for Honours B.Math (2A)**
University of Waterloo
- Sep 2021 – Jun 2022 **Honours B.C.S: Computer Science - Software Engineering Stream**
Carleton University
Dean's List Academic Standing