

Maya Samra

2A Honours Mathematics

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🔗 <https://mayasamra.github.io/WebPage/>

Skills

Python	<div><div></div></div>	Java	<div><div></div></div>
Javascript	<div><div></div></div>	HTML5	<div><div></div></div>
CSS3	<div><div></div></div>	React	<div><div></div></div>
R	<div><div></div></div>	Git	<div><div></div></div>

Experience

May 2022 – Aug 2022	Junior Software Developer <i>Bounce Back Digital</i> <ul style="list-style-type: none">• 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
Dec 2021 – present	High School Math & Physics Tutor <ul style="list-style-type: none">• 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

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

Education

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