

Maya Samra

Honours Mathematics Student

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

🧠 Skills

Excel | VBA | Powerpoint | R
Python | Java | JavaScript
HTML & CSS | React | Git | AXIS

📄 Exams & Certificates

Work Smarter With Excel (Microsoft)
Complete - September 14th 2023

Foundations of UX Design (Google)
Pending - February 2024

Exam P (SOA)
Pending - March 15th 2024

🎓 Education

Candidate for Honours B.Math, University of Waterloo
09/2022 – 2027
Specialization in Statistics

Honours B.C.S: Computer Science - Software Engineering Stream, Carleton University
09/2021 – 06/2022
Dean's List Academic Standing

🛠 Professional Experience

Sun Life Financial, Actuarial Analyst - Corporate Model Risk Management
01/2024 – 04/2024 | Toronto, ON

- Validated level A/AA actuarial models and advanced analytics applications using Excel, VBA, and AXIS to enhance risk models
- Developed scope and test plan by liaising with model owners to revise model documentation
- Supported corporate risk governance using model analytics to manage and mitigate risk

Bounce Back Digital, Junior Software Developer
05/2022 – 08/2022 | Waterloo, ON

- Programmed applications in React to develop appealing UI
- Refined and updated code using team GitHub for greater efficiency
- Organized remote meetings to optimize productivity over Zoom & Google Meets

Shad Canada, Co-op Student
05/2023 – present | Waterloo, ON

- Delivered educational STEAM workshops to local schools for community outreach
- Conducted data entry using Excel to map the alumni network effectively
- Assisted in the Shad program at the UNB campus to ensure smooth program delivery

KW LEOs Volunteering Club, Marketing Executive
09/2017 – 06/2021 | Waterloo, ON

- Led volunteering initiatives within the community to get students involved
- Coordinated in-person and remote team meetings to maximize overall attendance
- Hosted communication and leadership workshops for club applicants and students
- Increased club popularity using social media platforms to attract more members

Self-Employed, Math & Physics Tutor
12/2021 – 01/2024 | Remote

- Taught math & physics over Zoom to help students improve their performance
- Illustrated techniques over Notability to demonstrate problem-solving
- Mentored young students by giving guidance to help them develop confidence

📁 Projects

Portfolio Website, HTML, CSS, JavaScript, React.js

- Developed a website using HTML, CSS, and JavaScript to showcase my software development capabilities
- Created an accessible page to continuously contribute to my growing collection of projects

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 by taking gravity, elasticity, and mass into account