

# Harsh Upadhyay

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GitHub: <https://github.com/haaarsh4> | Academic Portfolio: <https://harshupadhyay.tech>

## EDUCATION

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### McMaster University – Computer Science

Hamilton, ON

*Candidate for Bachelors of Honors Computer Science (co-op)*

*Expected Graduation 2026*

- **Awards:** Presidents entrance scholarship valued at \$5000 for incoming students with above an 95% average in high school

## PROFESSIONAL EXPERIENCE

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### Sciencious UAE

Remote

*Tutor*

*February 2022 – June 2022*

- Tutor at Sciencious UAE, a youth-focused initiative dedicated to sparking enthusiasm for STEM education.
- Contributed to the educational advancement of underserved communities by providing free, high-quality tutoring, helping students build confidence and achieve academic success.
- Tutored in subjects such as math, science, and English, delivering personalized educational assistance and fostering academic growth.

### Inspire Your Future

Remote

*Social Media Content Manager*

*December 2021 – February 2022*

- Manager for Inspire Your Future, a small non-profit startup dedicated to inspiring students through engaging and interactive online talks.
- Led a team of 3 professionals dedicated to social media-driven outreach and the development of innovative marketing approaches, resulting in significant improvements in engagement and support.
- Crafted tailored content and effectively promoted the organization's mission, leading to a notable increase in online engagement, with an average of over 3,000 views per post.

## PERSONAL PROJECTS

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### [Personal Portfolio Website](#) | *JavaScript, ReactJS, HTML, CSS, EmailJS*

*August 2023*

- Crafted a personal portfolio website showcasing my skills, projects, and achievements using the ReactJS framework.
- Implemented an elegant and responsive user interface with HTML and CSS, ensuring seamless navigation and a visually appealing design.
- Leveraged JavaScript to add interactive features and dynamic content, enhancing the user experience.
- Employed industry-standard best practices to optimize website performance and ensure cross-browser compatibility.

### [Sets Visualizer](#) | *Elm*

*April 2023*

- Conceptualized and developed a Sets Visualizer and Quiz Application using Elm, designed to aid students in understanding set theory concepts through interactive Venn diagrams.
- Leveraged Elm's functional programming capabilities to create a highly responsive and intuitive user interface, allowing students to visualize various set operations dynamically.
- Implemented a robust Multiple-Choice Question (MCQ) module within the application, enabling students to evaluate their knowledge through a quiz format.

## HONORS & AWARDS

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### Duke of Edinburgh's International Award – bronze

*In Progress*

- Actively engaged in volunteer service, physical activities, skill development, and an adventurous journey.
- Demonstrating a strong commitment to personal growth, leadership, and community engagement.
- Developing valuable life skills and showcasing resilience and problem-solving abilities.

### DevBots - runners up

*October 2021*

- Achieved the runner-up position in the 2021 intra-school chatbot development competition.
- Engineered a school chatbot using DialogFlow, specializing in FAQ responses.
- Showcased proficiency in tech-driven problem-solving and user-centric design by delivering a functional, cutting-edge chatbot for school-wide inquiries.

## TECHNICAL SKILLS

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- **Programming:** C, JavaScript, Python, Java, Haskell, HTML5, CSS3,
- **Frameworks:** React.js, NodeJS, Tailwind CSS, SQL
- **Developer Tools:** VsCode, Visual Studio, GitHub, Git, WordPress, Eclipse, Jupyter Notebook