

Harsh Upadhyay

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GitHub: <https://github.com/haaaarsh4> | Academic Portfolio: <https://harshupadhyay.netlify.app/>

EDUCATION

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

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.

Comet

Remote

Computer programmer

February 2022 – May 2022

- Conducted in-depth UI/UX analyses during software testing, meticulously documenting bugs, results, and concerns, facilitating iterative enhancements.
- Engaged in structured user testing sessions as per Head Developer's directives, providing critical feedback to augment product development and refine iterative cycles.
- Collaborated cross-departmentally with engineers, devising robust test plans and strategic approaches for effective product development.

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

[Personal Portfolio Website](#) | Javascript, NextJS, HTML, CSS, EmailJS

August 2023

- Developed a personalized portfolio website using NEXT.js, showcasing expertise, projects, and accomplishments.
- Designed an engaging and responsive UI with HTML, Tailwind CSS, and Framer Motion for enhanced user experience.
- Implemented JavaScript for interactive features and dynamic content, boosting user engagement.
- Integrated EmailJS for seamless communication and efficient handling of inquiries.
- Employed industry-standard best practices to optimize performance and ensure cross-browser compatibility.

HONORS & AWARDS

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

- **Programming:** C/C++, Python, Java, JavaScript, Haskell, HTML5, CSS3, SQL, MATLAB
- **Frameworks:** React.js, Node.js, Express.js, Tailwind CSS, Email.js, Django, Flask
- **Developer Tools:** (IDE) VsCode, IntelliJ, Eclipse (Version Control) GitHub, Git (Testing) JUnit, Pytest (Cloud) Amazon Web Service