

SAMIR PATEL

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EDUCATION

Carleton University

Ottawa, ON

Bachelor of Computer Science (AI & Machine Learning Stream) - Honors (Co-op)

Sept 2022 - Apr 2026

- Second year standing, 3.9/4.0 (A)
- Acquired \$29,000 in scholarships to fund my education

TECHNICAL SKILLS

Languages: Python, Java, C/C++, Javascript, HTML, CSS, SQL

Frameworks: React, Node.js, MongoDB, Flask

Developer Tools: Git, VS Code, Eclipse, IntelliJ

Libraries: Pygame

EXPERIENCE

STEM Unites | Co-Founder | [Website](#)

Jun 2022 - Present

- Founded STEM Unites, a youth-led organization aimed at promoting STEM (science, technology, engineering, and mathematics) fields, by collaborating with executive members to create an interactive platform
- Initiated and led coding workshops and hackathon events within STEM Unites, enhancing computer science education and attracting computer science enthusiasts
- Organized virtual STEM webinars and workshops, featuring industry experts, to deepen members' understanding of computer science and other areas of STEM

EduTutor | Research & Website Design Intern

Feb 2023 - May 2023

- Collaborated with the CEO of EduTutor to create a Website Specification Document, defining project objectives, requirements, and design guidelines, which served as a roadmap for website development
- Actively participated in discussions and brainstorming sessions with the development team, contributing innovative ideas and fostering a collaborative environment that led to user-friendly features in the website design
- Implemented features and functionalities on the website, gaining hands-on experience in web development, utilizing programming languages like Javascript and frameworks like HTML/CSS to enhance the website's functionality and appearance

VEX Robotics Team | Coding Instructor

Oct 2018 - Jun 2020

- Instructed high school VEX Robotics Team members in essential programming languages like Python and C, equipping them with the skills needed for effective robot programming
- Dedicated over 80+ after-school hours to prepare customized lessons for novice team members to enhance the team's overall coding proficiency

PROJECTS / OPEN-SOURCE

MoneyMorph Chrome Extension | [Link](#)

Javascript, CSS, HTML, API

- Created the MoneyMorph Chrome extension using Visual Studio Code and integrated an API, providing users with a seamless tool for real-time currency conversion between global currencies
- Gained proficiency in web development through self-directed learning, including front-end and back-end technologies, which were instrumental in creating MoneyMorph
- Developed MoneyMorph to provide easy access to currency conversion using technology, reflecting my drive to solve real-world challenges through innovative solutions

Fruit Ninja Replica | [Link](#)

Python, Pixelpad.io

- Crafted a captivating Fruit Ninja Replica game using Python, demonstrating dedication and enhancing programming skills, over the course of 5 years
- Confronted and resolved numerous coding and game design challenges, honing problem-solving abilities essential for programming