

## SAMIR PATEL

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[Github](#) | [LinkedIn](#) | [Personal Website](#)

### EDUCATION

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#### Carleton University

Bachelor of Computer Science (AI & Machine Learning Stream) - Honors (Co-op)  
1st Year CGPA: 3.8

Sept 2022 - Apr 2027

### EXPERIENCE

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

Jun 2022 - Present

- The co-founder of the organization, STEM Unites
- A youth-led organization with the mission to provide resources, opportunities, and information about the fields of science, technology, engineering, and mathematics to those that are interested
- Working with executive members to deliver informational posts on social media and host engaging events for general members

#### EduTutor | Research & Website Design Intern

Feb 2023 - May 2023

- Collaborated with the CEO of EduTutor to create a Website Specification Document for the upcoming project
- Outlined objectives, requirements, and design guidelines to guide website development
- Actively participated in discussions and brainstorming sessions with the team
- Contributed to the development process, implementing features and functionalities
- Expanded skills in web development, project management, and communication
- Acquired skills in programming languages like Javascript and frameworks like HTML/CSS

#### VEX Robotics Team | Coding Instructor

Oct 2018 - Jun 2020

- Working as a coding instructor for the high school VEX Robotics Team
- Teaching those that are interested in becoming a programmer how to code in the specific languages required to program the robot
- Taking time after school to prepare lessons for new coders of the team
- Programming languages used include Python, C

### SKILLS

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**Programming Languages/ Libraries/Frameworks:** Python, Java, Javascript, C, SQL, CSS, HTML, React JS, Flask

### PROJECTS / OPEN-SOURCE

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#### JokeBox Chrome Extension | [Link](#)

Javascript, CSS, HTML, API

- Created a chrome extension that generates random jokes using an API
- Used Visual Studio Code to write my program and showcased my skills using JS, CSS, HTML

#### MoneyMorph Chrome Extension | [Link](#)

Javascript, CSS, HTML, API

- Developed a versatile Chrome extension enabling seamless currency conversion between global currencies of choice
- Made this extension using Visual Studio code and and API

#### Fruit Ninja Replica | [Link](#)

Python, Pixelpad.io

- Creating the popular mobile game Fruit Ninja as a passion project
- Continually overcoming challenges, testing and implementing new ideas for 5+ years

### CERTIFICATIONS

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- Scientific Computing with Python - [freeCodeCamp](#)
- CS50X - [Harvard University, edX](#)

### HONORS & AWARDS

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- Won the DELL Robotics Team Website Online Challenge along with a \$1500 prize for ranking #1 globally
- Awarded the Honors Award 4x for maintaining an average above 80% in high school
- Received an award for the highest overall average of 100% in Advanced Functions
- Received \$29,000 in scholarships in 2022 to fund my university tuition