

# SAMIR PATEL

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[GitHub](#) | [Linkedin](#)

## EDUCATION

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### Castlebrooke Secondary School

Sept 2018 - Jul 2022

Percentage: 96%

Brampton, Ontario, Canada

### Carleton University

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

CGPA: 3.9

Ottawa, Ontario, Canada

Sept 2022 - Apr 2026

## EXPERIENCE

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### STEM Unites | Co-Founder

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
- Conducted research on industry best practices and target audience preferences
- Expanded skills in web development, project management, and communication

### 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

## SKILLS

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Programming Languages: Python, Java, Javascript, C, SQL

Libraries/Frameworks: CSS, HTML, React JS, Flask

## PROJECTS / OPEN-SOURCE

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

Python, Pixelpad.io

- Creating the popular mobile game Fruit Ninja as a passion project
- Showcased my passion for programming by overcoming challenges and testing/implementing new ideas

### Retro Pong Remake | [Link](#)

Python

- Created the classic game Pong using the turtle module from Python using Visual Studio Code
- Developing problem-solving and critical thinking skills while researching ways to improve the game

## CERTIFICATIONS

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- Scientific Computing with Python - **freeCodeCamp**

## HONORS & AWARDS

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- Won the DELL Robotics Team Website Online Challenge along with a \$1500 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