SIDDH PATEL

CONTACT

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Education

CROCUS PLAINS HIGH SCHOOL

Awards & Honors

-Brandon High School Computer Science Fair Reserve Champion
-Brandon High School Programming Competition Reserve Champion
-Gold medal & Honor Roll in Gr. 9-11
- Governor General Bronze Medal
-Waterloo Programming Competition Distinction Certificate

Programming Languages

Python proficiency

Java proficiency

C++ and C# proficiency

ADDITIONAL SKILLS

Analytical thinking
Strong communication
Tolerant and flexible
Organization and prioritization
Team leadership
Problem solving

Objective

Driven university student proven to have excellent work-ethic and leadership capabilities. Aiming to improve and use my skills to secure job opportunities and assist companies. Also, an organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

Personal Projects

Using Machine and Deep Learning concepts, I created an AI that uses neural networks to near perfectly play the game Flappy Bird in Python.

Used Python libraries such as pygame and NEAT

Created a 2D top-down RPG game using the Unity Engine.

Language used: C#

Created a discord bot using the Discord Python library

Language used: Python

Using the TensorFlow Python module, I created a chat bot that uses passed in data, in the form of a json file, to effectively calculate and answer with responses to the user's questions.

Language used: Python

Created a portfolio website using HTLM5, CSS, and JavaScript.

Volunteering Experience

- Westman Youth Centre: Teaching kids programming.

- Ecole New Era: Teaching kids STEM related activities.

- BU Computer Science Fair: Teaching JavaScript.

- Crocus Kids Code Club: Teaching kids programming.