

Jason Cai

Objective

Programming Student looking for hands – on experience in a field of interest.

Skills

- Communication
- Critical Thinking
- Problem Solving
- Teamwork

Programming Languages

Python

Projects

MAY 2022 - JUNE 2022

Hangman

- Used Python to re-create the game Hangman
- Utilized Tkinter to create an interactable GUI for the game

JAN 2022 – JUNE 2022

Two-Wheeled Robot

- Created a two-wheeled robot capable of moving
- Used C++ to program the robot with basic logic
- Gave the robot the ability to navigate through any maze with touch sensors and ultrasonic sensors
- Programmed the robot to play music through a speaker on C++

Education

Current Student at Fleetwood Park Secondary (4.0 GPA)

Relevant Courses:

Precalculus 12 – 98%

Programming 11 – 95%

Computer Science Co-op – In Progress

Activities

2019 - 2022

Math Challengers Club

Competed and studied math at the schools Math Challengers team. Placed top 10 in the Fraser Valley twice.

2018 - 2022

CEMC Math Contests

Self – Studied for CEMC Math Contests, recently earning a score of 138 in the Cayley and ranking in the top 1 percent.