Isaac Millan

(925)-348-8073 | imillan1@sfsu.edu

Education

SAN FRANCISCO STATE UNIVERSITY | 2021
· Major: Computer engineering GPA 3.8

Skills & Abilities

- **SOLDERING**

- **PROFICIENT WITH MULTIMETER/OCILISCOPE**

- **JAVA AND PYTHON AND C++**

- **WEB DEVELOPMENT**

- **PROFICIENT WITH 3D PRINTERS AND SOLID WORKS**

- **PROFICIENT WITH MICROCONTROLLERS/FPGA**

Work Experience

SUMMER INSTRUCTOR | ESCUELA BILINGUE INTERNACIONAL

JULY 2020 – AUGUST 2020
· Designed a whole class from scratch involving computer science and computer engineering.
· Taught students how to code in JavaScript, I also taught them design principles used to code.
· Created kits from scratch that were used to teach students about circuits, IC, and breadboards.

SFSU CALCULUS TUTOR| SAN FRANCISCO STATE UNIVERSITY

AUGUST 2020 – PRESENT
· Tutored students that were struggling in calculus and computer science classes.
· Broke down problems into innovative ways in order to understand complex topics that are in calculus.

SFSU SI FACILITATOR| SAN FRANCISCO STATE UNIVERSITY

JANUARY 2020 – PRESENT
· Created worksheets and answer sheets for students to use to supplement thier class.
· Leaded a group of 15 students in a class by giving them worksheets and helping them to develop good study tips.

Projects

MINI SELF-BALANCING ROBOT
Created a self-balancing robot using a micro controller and IMU using micro python

IOT WEIGHT SCALE
Created a miniature scale with a microcontroller and send the weight across the internet.

SUDOKU SOLVER
Created a sudoku solver using a backtracking algorithm and object-oriented programing