

# Jacob Sommer

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<https://jsommer.github.io>

## EDUCATION

### **Dublin High School, Dublin, CA, 94568 — Class of 2021**

AUGUST 2017 - PRESENT

Overall GPA 4.21

Enrolled in Dublin High's Engineering & Design Academy

## VOLUNTEER EXPERIENCE

### **Open Heart Kitchen, Pleasanton, CA, 94566 — Food Service Worker**

JUNE 2019 - AUGUST 2019

Served meals to senior citizens

Set up and cleaned tables

Cleaned kitchen

## EXTRACURRICULAR ACTIVITIES

### **Gael Force Robotics, Dublin, CA, 94568 — Builder & Programmer**

JUNE 2019 - PRESENT

Worked with teammates to design and build an advanced robot for competing in the VEX Robotics Competition

Programmed autonomous code for the robot using proprietary VEX software

Qualified to compete in state championships Spring 2020

## PROJECTS

### **Star Tracker — Personal Project**

OCTOBER - NOVEMBER 2019

Programmed and built an equatorial mount out of common hardware store materials, a stepper motor, and a Raspberry Pi

Equatorial mount allowed for photographing of deep sky objects through long exposures such as the Orion Nebula and the Andromeda Galaxy

## SKILLS

Proficient knowledge of computer hardware and software

Coding in Java, Python, JavaScript, and C#

Reading, writing, and speaking Spanish

Typing speed of 100+ words per minute

Full-stack web development

Command line

Game development in Unity

Animation & modeling in Blender