

# Jacob Sommer

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<https://jsommer.github.io>

## EDUCATION

### **Dublin High School, Dublin, CA, 94568 — Diploma**

AUGUST 2017 - MAY 2021

4.20 Cumulative GPA

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 - MAY 2021

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 to 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

Building personal computers

Coding in Java, JavaScript, Python

Photo editing in Photoshop, Lightroom, GIMP

3D modeling in Blender & Autodesk Maya

Typing speed of 100+ words per minute

Organization

Teamwork

Troubleshooting

## AWARDS

Gael Scholar Award

Golden State Seal Merit

National Merit Letter of Commendation

President's Gold Award for Educational Excellence

Seal of Biliteracy