

# Jacob Sommer

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<https://jsommer.github.io>

## WORK EXPERIENCE

### **Regal Hacienda Crossings IMAX, ScreenX & RPX, Dublin, CA, 94568 — Floor Staff**

JULY 2021 - SEPTEMBER 2022

Operated point of sale systems, helped customers, prepared/served foods and refreshments, cleaned auditoriums, assisted customers with ticket purchases at kiosks, performed closing duties at concessions. Worked summers and during winter break.

## PROJECTS

### **PlayPic — HackUCI 2022**

FEBRUARY 2022

Collaborated with three teammates to create a website that analyzes the mood of the colors in an image and creates a Spotify playlist to match that mood for the 36-hour HackUCI 2022 hackathon.

Developed backend with Express and frontend with React.

### **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 California State Championships 2020

Qualified to compete in World Championships 2021

### **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

## EDUCATION

### **University of California, Irvine, Irvine, CA, 92697**

SEPTEMBER 2021 - PRESENT

Undergraduate pursuing a B.S. in Computer Science.

3.86 GPA. Dean's Honors List  
— Fall 2021 - Present

## SKILLS

Building personal computers

Coding in Java, JavaScript, TypeScript, Python, C++

React

React Native

Express.js

Git

Linux

Firebase

SQL

Photo editing in Photoshop, Lightroom, GIMP

3D modeling in Blender & Autodesk Maya

Game development with Unity

Organization

Teamwork

Troubleshooting

Customer Service