

Jacob Sommer

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EDUCATION

University of California, Irvine

B.S. Computer Science

Irvine, CA

September 2021–December 2024

- 3.85 GPA, Dean's Honor List

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 with Express and React

Gael Force Robotics

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 VEX software
- Qualified to compete in California State Championships 2020
- Qualified to compete in World Championships 2021

Star Tracker

Personal Project

October 2019–November 2019

- Programmed, designed, 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

WORK EXPERIENCE

Regal Hacienda Crossings IMAX, ScreenX & RPX

Floor Staff

Dublin, CA

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.

SKILLS

Languages: Java, JavaScript, TypeScript, Python, C++

Technologies/Frameworks: Express, React, React Native, Flask, Firebase, Linux, Git