

# SHIN YU (MELODY) HU

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## EDUCATION

### KIPP San Jose Collegiate

GPA: 4.0 UW / 4.36 W

San Jose, CA

August 2018 - June 2022

## EXPERIENCES

### Pervasive Autonomous Networked Systems Lab @ UC Merced

Virtual

Research Intern

June 2021 to August 2021

- Worked closely with an undergraduate student to create a web interface that allows real-time visualization of physical vibration, which serves as a convenient way for researchers to monitor the data collected
- Researched and set up efficient data flow from the sensor to the web interface

### smartnUp

Virtual

UI/UX Intern

June 2020 to September 2020

- Redesigned the interface of College Collab into a dashboard that allows users to visualize progress with ease using HTML, CSS, and JavaScript
- Collaborated with other student interns from India, U.K., and U.S. to generate ideas for a project centered around a textbook trading platform

### Dino Tech

San Jose, CA

Co-Founder & Executive Director

May 2020 to Present

- Created and led an all-inclusive student organization promoting education for those interested in tech and interdisciplinary studies
- Planned monthly newsletters and webinars to educate students on different tech-related topics and careers
- Organized a hackathon with a focus in computer science and design

### Robotics Club

San Jose, CA

Programming Team Captain

September 2018 to Present

- Coded robots using Java with Android Studio and participated in the FIRST Tech Challenge
- Taught programming team members how to code and how to use applications such as GitHub
- Worked alongside other team captains to plan meeting schedules and host outreach events at local science fair and school festivals

### DaAi Computer Literacy Program (CLP)

San Jose, CA

Teacher Assistant & Volunteer

September 2019 to Present

- Helped individuals diagnosed with autism spectrum disorder between the ages of 12 to 50 by introducing them to different technological products and teaching them how to use applications on iPad
- Addressed the issue of technology accessibility and inclusivity for those with disabilities

## HONORS & AWARDS

- President's Volunteer Service Award | 2019, 2020, 2021
- AP Scholar with Distinction | 2021

## SKILLS

**Languages:** English, Mandarin Chinese (Fluent), Spanish (Basic)

**Technical:** Python, Java, SQL, HTML, CSS, JavaScript, Wordpress, WIX