

MADDUX MADAYAG

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EDUCATION

University of California, San Diego (UCSD)

San Diego, CA

B.S. ECE: Computer Engineering

Expected June 2026

- Cumulative GPA: 3.74
- **Relevant Coursework:** Data Structures and Object-Oriented Design (OOD), Programming Languages, Calculus, Linear Algebra, Electricity and Magnetism
- **Awards:** Provost Honors

EXPERIENCE

Self-Taught Animator

Davis, CA

Self-Employed Animation Business

June 2021 – Present

- Collaborate with clients to create animations and rig images containing characters
- Applied skills in school to design animated videos and animations for projects

Head Coordinator

Davis, CA

Music From Home

2019 – 2022

- Organized online and in-person student music recitals for senior citizens at senior living homes
- Led a team of student volunteers and communicated with families, students, and representatives at the senior living homes
- Volunteered as a performer, program designer, emcee, and video editor too

Computer Builder

Davis, CA

4-H Computer Project

2018 – 2022

- Deconstructed and rebuilt computers to create more powerful systems to be donated
- Educated new members about computers and assisted them with building and taking apart computers

Assistant Summer Tennis Coach

Davis, CA

Lukas Burger Tennis

June 2022 – September 2022

- Offered personalized feedback, directed drills for individuals and groups, greatly improved their skills and mindset

Violin Tutor

Davis, CA

DHS Strings Tutoring Program

2019 – 2022

- Demonstrated proper technique, created an enjoyable experience, and increased students' skills and passion in music

PROJECTS

C-13X Hand Wired Mechanical Keyboard

Davis, CA

Independent

July 2023

- Soldered capacitors, matrix wiring, and controller wiring
- Programmed and flashed firmware to a modified Colemak keyboard layout
- Utilized an open-source keyboard case and plate

IEEE @ UCSD Winter Quarterly Project

San Diego, CA

Team Member

January – March 2023

- Collaboratively engineered and fabricated a fully functional bluetooth-controlled RC car

AWARDS

- Banatao Family Scholarship
- MaryAnn Wegner Memorial 4-H Scholarship
- Yolo County 4-H Leaders Council Scholarship

SKILLS

- Java
- JUnit
- Python
- Bash
- MatLab
- GitHub
- Soldering
- Adobe After Effects
- Photoshop