

Incoming UCLA B.S. Aerospace Engineering student with experience in working on engineering projects. Currently seeking opportunities to apply skills in engineering for the Summer of 2023.

## SKILLS

**Tools and Understanding** **Advanced:** General Physics, Multivariable Calculus, General Chemistry, C++  
**Proficient:** Organic Chemistry, SolidWorks, GrabCAD, Github, Python, C, HTML/CSS

## EXPERIENCE

### Basic Training

June 2022 — July 2022

*UCLA Transfer Programs*

*Los Angeles, CA*

- Took multiple courses on creating a personal website and utilizing engineering tools such as Arduinos, SolidWorks, GrabCAD, 3D printers, and much more
- Implemented these tools to design contraptions, structures, and to make performing certain tasks easier (like setting up Christmas lights)

### Trained Student Mentor

Jan. 2022 — May 2022

*Mentor Collective*

*Mission Viejo, CA*

- Responsible for helping students adjust to college, their STEM classes, and to connect them with the resources that are designed to help them succeed in their classes

### Food Service Worker

May 2019 — Aug. 2022

*Chipotle Mexican Grill & Crumbl Cookies*

*Rancho Santa Margarita, CA*

- Worked 15 hours per week while maintaining excellent grades and focus in college
- Learned problem-solving and collaborative skills while working during peak hours

## PROJECTS

### Saddleback College Mars Rover Team

- Member of team that created a rover from the ground up that was capable of driving autonomously, navigating a maze, picking objects up, and analyzing dirt samples for signs of life
- Helped design and assemble mechanical parts for the rover's drivetrain, chassis, and arm
- Rover was placed in competition with rovers designed by students from some of the most prestigious universities in the world

### Personal Website and Computer Programs

- Ground up development of personal website using HTML and CSS ([chrismccormick.github.io](https://chrismccormick.github.io))
- Developed multiple programs in C++ such as games, documentation and sorting programs to log users and participants, and money management programs that take into account a user's tax bracket to help calculate their expected income and expenses

### UCLA Rocket Project and UCLA Design/Build/Fly Pending Club Member

- Rocket Project: will help in the ground up design and assembly of a rocket that will be placed in an intercollegiate competition to complete a series of tasks (like achieving a specified altitude and, launching and recovering a payload)
- Design/Build/Fly: will help in the ground up design and assembly of an electric-powered, radio-controlled plane that will be placed in an intercollegiate competition to complete a series of tasks (like continuous flying and deploying of payloads)

## EDUCATION

### University of California, Los Angeles

*Bachelor of Science – Aerospace Engineering*

*Expected Graduation: Spring 2024*

### Saddleback College, Mission Viejo

*Associate of Science – Physics* GPA: 3.92/4.00

Aug. 2019 — May 2022

*Associate of Science for Transfer – Physics* GPA: 3.92/4.00

Aug. 2019 — May 2022

*Associate of Arts – Mathematics* GPA: 3.92/4.00

Aug. 2019 — May 2022

*Associate of Science for Transfer – Mathematics* GPA: 3.92/4.00

Aug. 2019 — May 2022

*Associate of Arts – General Studies: Natural Sciences* GPA: 3.92/4.00

Aug. 2019 — May 2022

## EXTRACURRICULARS AND AWARDS

*Saddleback College – Computer Science Class Tutor (C++), Physics, Chemistry, and Mathematics Tutor*

Aug. 2019 — May 2022

*Saddleback College Honors Program – Graduated Magna Cum Laude*

Aug. 2019 — May 2022