Jeff Zhang

San Francisco, CA | 1 (415) 370-4062 | jeffzhang0049@gmail.com
https://www.linkedin.com/in/jeffzhang0049/

Objective

Seeking a challenging role in the field of Computer Engineering, leveraging my strong educational background, hands-on experience in mechanical engineering and rapid prototyping, and proficiency in software tools such as SOLIDWORKS, OnShape, and MATLAB to contribute effectively to innovative projects and advance my career in the industry.

Education

Bachelor of Science, Computer Engineering. 3.50/4.00 **Expected Graduation: June 2024**
University of California, Santa Cruz – Santa Cruz,CA.
Courses: Linear Algebra, Ordinary Differential Equation, Computer Aided Design and 3D Printing, Signals and Systems, Electric Circuits, Statics and Materials, Calculus, Physics (Mechanics & Electromagnetism), Probability and Statistics

Experience

UCSC Rocketry Team – Santa Cruz, CA. April 2023 – Present
Rocketry Member

- Developed and constructed high-powered rockets, obtaining Level 1 HPR Certification from the National Association of Rocketry
- Skilled in rapid prototyping techniques such as FDM 3D Printing to produce physical prototypes of designs
- Gained hands-on experience in various aspects of rocketry, including aerodynamics, propulsion systems, and recovery mechanisms.

Slugbotics – Santa Cruz, CA. September 2022 – April 2023
Mechanical Engineering Member

- Proficient in SolidWorks to create CAD models for combat robot designs
- Skilled in rapid prototyping techniques such as FDM 3D Printing to produce physical prototypes of designs
- Collaborate effectively with team members on various combat robot design projects, contributing to their successful outcomes

FIRST Robotics (TEAM 5700) – San Francisco, CA. August 2019 – August 2020
Mechanical Engineering Team Lead

- Coordinated a team of engineers, overseeing the design process from the initial concept to the final production
- Presented ideas and proposals to the team, effectively communicating technical knowledge and design considerations
- Demonstrated proficiency in using a variety of manufacturing equipment, ensuring safety and precision in operations
- Utilized industry-standard software tools such as SolidWorks and Onshape to create detailed technical drawings and models

Skills

Relevant Skills: SOLIDWORKS, OnShape, Ultimaker Cura, MATLAB,