

KEVIN KAYSER

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EDUCATION

University of California Los Angeles

B.S. Mechanical Engineering, Junior Standing

GPA: 3.3/4.0

- Relevant Coursework: Introduction to Computer Aided Design and Drafting, Camera Optimization Engineering Lab, Physics 1 Series with Lab, Statics

ENGINEERING-RELATED EXPERIENCE

UCLA Formula Racing Team – Los Angeles, CA

Sep 2015-Present

Powertrain Team Member

- Work in a team to design parts for vehicle, including bias bar, a part used in the drivetrain, in machine shop.
- Use Solidworks to develop a design for mount to house Honda CRF450cc engine.

UCLA Rocket Project – Los Angeles, CA

Sep 2015- Present

Structures Team Member

- Take initiative in manufacturing of Solid Rocket Boosters (SRBs).
- Prepare rocket for competition specifications, such as weight distributions, dimensioning and verifying models to ensure aerodynamically optimal assembly.

MentorSEAS- Los Angeles, CA

Sep 2016-Present

- Mentor for first years within the Mechanical Engineering department.

Science Olympiad – Apple Valley, MN

Sep 2011-Mar 2015

Build Team Member

- Placed in top 5 in MN state competition four times.
- Was able to experience a hands-on approach to engineering that involved trial and error that allowed me to learn real life problem solving skills.

Notable Honors:

- Moody's Math Challenge Honorable Mention: Top 5.8% of nation Mar 2015
 - Worked in team of 5 to complete 20 page math modeling paper in 14 hours.
 - Our assignment was to predict the effectiveness of STEM majors and trade school.
- UCLA Rube Goldberg Competition 2nd Place Feb 2016
 - Completed complicated series of steps to solve simple task in team of 5 in 3 hours.

WORK EXPERIENCE

UCLA Residential Life– Los Angeles, CA

Sep 2016- Present

Resident Learning Center Consultant

- Lead technology related programs for students, including a LinkedIn workshop, allowing students to enhance their resumes and build their professional profiles.
- Resolved user questions as part of an IT help desk serving 12,000 students and staff.

YMCA Camp Streefland- Lakeville, MN

June - Sep 2016

Counselor

- Planned and directed daily activities dedicated to creating an engaging environment to foster personal growth.
- Provided leadership to campers in all areas and acted as a role model in all areas of camp activities, including cleanliness, punctuality, chores, rules, and sportsmanship.

City of Eagan- Cascade Bay – Eagan, MN

May 2014- Sep 2015

Guest Relations Representative

- Work efficiently with a team to sell tickets and serve concession-style food to ensure customer satisfaction.
- Stay late if necessary to complete daily tasks, such as cleaning and inventory.

SKILLS

Experience in: Maple, Solidworks, Photoshop, Microsoft Office, Java, JavaScript, Matlab, Machining, Strong Public Speaker, Working Proficiency in Spanish