

GARRETT MAHONEY, EIT

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EDUCATION

California Polytechnic State University, San Luis Obispo
Master of Science and Bachelor of Science in Mechanical Engineering, December 20xx
GPA: 3.4 Financing 50% of college expenses EIT Certificate #123456

MECHANICAL ENGINEERING EXPERIENCE

Parker Aerospace - Irvine, CA
Mechanical Engineering Co-op 04/xx - Present

- Performing research and development on Parker's fuel inerting system
- Designing physical test housings to analyze various system parameters
- Learning Pro-E, modifying as well as reprogramming various Matlab files and graphical user interfaces
- Reducing data in efforts to determine useful correlations between system parameters within specified tests

Three-Wheeled Vehicle Design Team Project (Senior Project) 09/xx – 06/xx

- Collaborated in a team of five and helped to develop, design, and prove the concept of a fully automated three wheeled vehicle.
- Three months were spent designing and sizing the necessary mechanical and electrical components and an additional three months were spent building and testing the model.

LEADERSHIP EXPERIENCE

Resident Advisor, Sierra Madre – Cal Poly 09/xx - 06/xx

Resident Advisor, Santa Lucia – Cal Poly 09/xx - 06/xx

- Worked on a cohesive team with 12 other staff members to facilitate the personal growth of 550 residents, encouraged and enforced the compliance of community standards, addressed various security issues in crisis situations, and counseled students.
- Served as the Leadership Advisor to the students, served on a committee overseeing the selection process for future resident advisors, and received training on different aspects of diversity.

TECHNICAL SKILLS

Computer: SolidWorks, ABAQUS, Matlab/Simulink, Microsoft Word, Excel, PowerPoint

Equipment: Mills, lathes, CNC, welding

INVOLVEMENT AND HONORS

College of Engineering Ambassador 09/xx - Present

- Represent the College of Engineering in a public relations role. Provide tours to prospective students, greet industry representatives conducting on-campus interviews, and assist with special events. Enhanced communication, teamwork, and time management skills.

American Society of Mechanical Engineers **Officer:** 04/xx– 04/xx; **Member:** 09/xx - Present

Tau Beta Pi, National Engineering Honor Society

Pi Tau Sigma, Mechanical Engineering Honor Society

National Society of Collegiate Scholars

Cal Poly Intramural Softball – Actively involved since freshman year