**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 0**4/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