

Vehicle Test and Development Engineer I

📍 Los Angeles, CA 90017

- Project Manager
 - Successfully coordinated multiple projects, aligning team efforts to drive toward common goals within timelines.

Sound Quality Analysis

Modal Analysis

Experimental Testing Techniques

LANGUAGES

English Native

Spanish Proficient

MY CAREER



● Research Assistant at University Research Lab (1.6 Years)

● Capstone Project Developer at University Project (3 Months)

Executed a capstone project centered around analyzing vehicle tire configurations' effects on performance. Focused on the practical application of vehicle dynamics principles to deliver insightful results.

- Designed a robust methodology to examine ride and handling performance variances due to different tire setups.
- Conducted literature reviews that laid a strong theoretical foundation for experimental work.
- Employed data acquisition systems to collect performance metrics, enhancing overall understanding of limitations.
- Developed strategic recommendations based on root cause analyses of observed performance challenges.
- Summarized project insights into comprehensive reports demonstrating clear technical writing proficiency.
- Communicated project outcomes effectively to faculty and industry representatives.

LEADERSHIP & AWARDS

- Dean's List, University of California, Los Angeles, 2024
- Recipient of the Mechanical Engineering Scholarship, 2023

CERTIFICATIONS

- Certified Engineering Intern 📅 2025
- AutoCAD Certification 📅 2024

PROFESSIONAL AFFILIATIONS

- Member, Society of Automotive Engineers, 2023 – Present
- Volunteer, Engineering Outreach Program, 2022 – Present

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST