MA

MICHAEL ANDERSON

LEAD VEHICLE DYNAMICS ENGINEER

CONTACT

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- 📍 San Francisco, CA

SKILLS

- Vehicle Dynamics
- Performance Engineering
- Data Analysis
- CAD Software
- Team Collaboration
- Mentorship

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING, CALIFORNIA STATE UNIVERSITY

ACHIEVEMENTS

- Enhanced vehicle cornering performance by 20% through innovative design changes.
- Recognized as 'Employee of the Year' for exceptional project delivery and teamwork.
- Contributed to a patent for a new suspension technology, elevating company profile.

PROFILE

Dynamic and results-oriented Vehicle Dynamics Engineer with an extensive background in performance engineering for high-performance sports cars. Over 8 years of hands-on experience in optimizing vehicle dynamics through rigorous testing and data analysis. Proficient in utilizing state-of-the-art simulation tools and methodologies to enhance vehicle performance metrics. Expertise in collaborating with design and engineering teams to translate complex vehicle dynamics principles into tangible improvements.

EXPERIENCE

LEAD VEHICLE DYNAMICS ENGINEER

SpeedTech Automotive

2016 - Present

- Directed vehicle dynamics testing programs to optimize performance for sports car models.
- Implemented advanced simulation techniques to predict vehicle behavior and handling.
- Collaborated closely with design teams to refine aerodynamics and weight distribution.
- Analyzed telemetry data from track tests to inform vehicle adjustments.
- Mentored junior engineers in vehicle dynamics principles and testing methodologies.
- Presented technical reports to stakeholders, driving project alignment and strategic decisions.

VEHICLE DYNAMICS ANALYST

Performance Motors Inc.

2014 - 2016

- Conducted detailed analysis of vehicle dynamics data to enhance handling characteristics.
- Participated in the development of new suspension systems for high-performance vehicles.
- Utilized CAD software to assist in the design and implementation of vehicle modifications.
- Collaborated with testing teams to execute performance evaluations on various tracks.
- Documented findings and created reports for engineering reviews and improvements.
- Engaged in continuous learning to stay current with industry trends and technologies.