



Michael ANDERSON

AUTOMOTIVE SIMULATION ENGINEER

Results-oriented Automotive CAE Engineer with a focus on simulation and analysis for vehicle systems. With over 5 years of experience, brings a comprehensive understanding of automotive engineering principles and methodologies. Expertise in utilizing cutting-edge software tools to conduct thorough simulations that inform design decisions and enhance product performance. Proven ability to work collaboratively in fast-paced environments while delivering high-quality results.

CONTACT

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SKILLS

- Dynamic Simulation
- MATLAB
- FEA
- Team Collaboration
- Data Analysis
- Process Improvement

LANGUAGES

- English
- Spanish
- French

EDUCATION

**BACHELOR OF SCIENCE IN
AUTOMOTIVE ENGINEERING,
UNIVERSITY OF TEXAS, 2018**

ACHIEVEMENTS

- Streamlined simulation processes, reducing time by 15%.
- Recognized for contributions to a successful vehicle launch project.
- Participated in a research project that led to a publication in an engineering journal.

WORK EXPERIENCE

AUTOMOTIVE SIMULATION ENGINEER

Innovative Mobility Solutions

2020 - 2025

- Conducted dynamic simulations to analyze vehicle performance under various conditions.
- Utilized MATLAB for data analysis and model validation.
- Collaborated with design teams to refine vehicle components based on simulation insights.
- Participated in project meetings to discuss simulation strategies and outcomes.
- Documented simulation processes and results for future reference.
- Assisted in the development of new testing methodologies to improve accuracy.

CAE ENGINEER INTERN

TechDrive Automotive

2015 - 2020

- Supported the engineering team in conducting FEA for vehicle components.
- Assisted with the preparation of simulation reports and presentations.
- Engaged in data collection and analysis for ongoing projects.
- Learned best practices for simulation tools and methodologies.
- Collaborated on continuous improvement initiatives within the engineering team.
- Participated in team brainstorming sessions to generate new ideas.