



# MICHAEL ANDERSON

SENIOR AERODYNAMICS ENGINEER

## PROFILE

Dynamic and results-oriented Aerodynamics Engineer with a focus on automotive applications, possessing over 8 years of experience in vehicle aerodynamics and performance enhancement. Proficient in employing advanced simulation tools and methodologies to analyze airflow dynamics and improve fuel efficiency. Strong background in collaborating with cross-functional teams to integrate aerodynamic solutions into vehicle designs.

## EXPERIENCE

### SENIOR AERODYNAMICS ENGINEER

Future Mobility Corp.

2016 - Present

- Developed aerodynamic models for electric vehicle prototypes.
- Conducted simulations to analyze airflow and reduce drag coefficients.
- Collaborated with design teams to optimize vehicle shapes for performance.
- Led wind tunnel testing sessions to validate design improvements.
- Utilized data analytics to inform design iterations and enhancements.
- Presented aerodynamic findings to executive leadership for strategic decisions.

### AERODYNAMICS ANALYST

Velocity Automotive Group

2014 - 2016

- Performed CFD analyses on vehicle body designs for aerodynamic efficiency.
- Assisted in the development of innovative solutions for drag reduction.
- Collaborated on interdisciplinary teams to enhance product performance.
- Conducted performance testing to validate aerodynamic theories.
- Documented and reported findings to engineering teams and management.
- Supported the development of technical presentations for stakeholders.

## CONTACT

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## SKILLS

- Aerodynamic Simulation
- Vehicle Dynamics
- Data Analysis
- Wind Tunnel Testing
- Cross-Functional Collaboration
- Project Management

## LANGUAGES

- English
- Spanish
- French

## EDUCATION

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING, UNIVERSITY OF MICHIGAN

## ACHIEVEMENTS

- Improved vehicle fuel efficiency by 12% through aerodynamic redesign.
- Played a key role in a project awarded 'Best Innovation' at an automotive expo.
- Published research on aerodynamics in automotive journals, enhancing industry knowledge.