# MA

## Michael
# ANDERSON

## AEROSPACE STRUCTURAL ENGINEER

### CONTACT

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### SKILLS

- Aerospace Engineering
- NASTRAN
- CATIA
- SolidWorks
- Structural Testing
- Project Management

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

**MASTER OF SCIENCE IN AEROSPACE ENGINEERING, FLIGHT UNIVERSITY, 2015**

### ACHIEVEMENTS

- Successfully led a project that reduced aircraft weight by 15% through innovative design.
- Received 'Excellence in Engineering' award for outstanding contributions to safety.
- Published research on fatigue analysis in a leading aerospace journal.

A results-driven Structural Analysis Engineer with a focus on the aerospace industry, possessing over 7 years of experience in the design and analysis of aircraft structures. Expertise in utilizing advanced computational tools to perform stress and fatigue analyses, ensuring compliance with aerospace standards and regulations. Demonstrates a strong understanding of material properties and behavior under extreme conditions.

## WORK EXPERIENCE

### AEROSPACE STRUCTURAL ENGINEER

Skyward Technologies

2020 - 2025

- Conducted structural analysis of aircraft components using NASTRAN.
- Developed design modifications to enhance structural integrity.
- Collaborated with cross-functional teams to meet project objectives.
- Performed static and dynamic testing on prototype structures.
- Prepared technical documentation for regulatory compliance.
- Mentored interns in engineering best practices and software usage.

### STRUCTURAL ANALYST

AeroDynamics Inc.

2015 - 2020

- Assisted in the analysis of structural components for various aircraft models.
- Utilized CATIA and SolidWorks for 3D modeling and design.
- Conducted materials testing to ensure compliance with aerospace specifications.
- Supported the development of project proposals and presentations.
- Participated in design reviews and provided feedback on technical drawings.
- Engaged in quality assurance processes to maintain standards.