



# Michael ANDERSON

## AEROSPACE CAD ENGINEER

Innovative Aerospace CAD Engineer with a robust foundation in mechanical and aerospace engineering principles. Demonstrates expertise in leveraging CAD software for the design and analysis of complex aerospace systems. Skilled in collaborating with multidisciplinary teams to drive project success and ensure adherence to industry standards. Strong focus on optimizing designs for manufacturability and cost-effectiveness.

### CONTACT

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### SKILLS

- CAD
- ANSYS
- Design Optimization
- Project Management
- Technical Specifications
- Cross-functional Collaboration

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

**BACHELOR OF SCIENCE IN  
MECHANICAL ENGINEERING,  
UNIVERSITY OF MICHIGAN**

### ACHIEVEMENTS

- Reduced design errors by 18% through improved validation processes.
- Led a project that resulted in a 15% increase in production efficiency.
- Acknowledged for contributions to a high-profile aerospace project.

### WORK EXPERIENCE

#### AEROSPACE CAD ENGINEER

Orbit Aerospace

2020 - 2025

- Executed CAD modeling for aerospace vehicle components.
- Performed stress analysis using ANSYS software.
- Contributed to design reviews and incorporated feedback effectively.
- Collaborated with manufacturing to enhance production techniques.
- Documented design changes and maintained project records.
- Participated in training sessions for CAD software upgrades.

#### MECHANICAL ENGINEER

Propulsion Dynamics

2015 - 2020

- Designed mechanical systems for aerospace applications.
- Conducted simulations to validate design performance.
- Assisted in project management and scheduling.
- Engaged with suppliers to ensure material quality.
- Supported the development of technical specifications.
- Provided insights for improving design workflows.