



MICHAEL ANDERSON

SENIOR CAD ENGINEER

CONTACT

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-  San Francisco, CA

SKILLS

- CATIA
- Pro/ENGINEER
- Structural Analysis
- Project Management
- Team Leadership
- Regulatory Compliance

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN AEROSPACE ENGINEERING, GEORGIA INSTITUTE OF TECHNOLOGY, 2015

ACHIEVEMENTS

- Led a project that resulted in a 25% reduction in fabrication time.
- Received the 'Excellence in Engineering' award for innovative design solutions.
- Successfully completed a certification in Aerospace Quality Management Systems.

PROFILE

Results-driven CAD Engineer with 8 years of experience in the aerospace sector, focusing on the design of aircraft components and systems. Proficient in using CATIA and Pro/ENGINEER to create precise 3D models and assemblies. Adept at applying engineering principles to solve complex design challenges and improve existing processes. Strong background in collaborating with multidisciplinary teams to deliver projects on time and within budget.

EXPERIENCE

SENIOR CAD ENGINEER

SkyTech Aerospace

2016 - Present

- Led design efforts for critical aircraft components using CATIA.
- Conducted structural analysis to validate designs against performance requirements.
- Collaborated with manufacturing teams to refine production techniques.
- Implemented design changes that reduced weight by 10% without compromising safety.
- Trained and supervised junior engineers in CAD software and best practices.
- Participated in regulatory audits and ensured compliance with FAA standards.

CAD ENGINEER

AeroDynamics Inc.

2014 - 2016

- Created 3D models and 2D drawings for various aerospace projects.
- Worked closely with project managers to define design parameters and timelines.
- Performed design validation through prototyping and testing.
- Managed CAD data for multiple projects, ensuring accuracy and accessibility.
- Supported the development of technical documentation for engineering processes.
- Contributed to cost reduction initiatives that saved 15% in project expenses.