



MICHAEL ANDERSON

FIXTURE DESIGN ENGINEER

PROFILE

Enthusiastic Fixture Design Engineer with 5 years of experience in the aerospace sector. I specialize in designing precision fixtures that support the assembly of complex aerospace components. My background includes extensive use of CAD software and hands-on experience in prototype development and testing. I have a strong understanding of the regulatory requirements in the aerospace industry, ensuring all designs comply with safety and quality standards.

EXPERIENCE

FIXTURE DESIGN ENGINEER

AeroSystems Inc.

2016 - Present

- Designed and tested fixtures for the assembly of aircraft components, improving assembly accuracy by 12%.
- Utilized CATIA for detailed design work and verification processes.
- Worked closely with the manufacturing team to ensure seamless integration of fixtures into production lines.
- Conducted failure mode effects analysis (FMEA) to enhance fixture reliability.
- Mentored interns on design software and engineering principles.
- Participated in cross-functional teams to innovate fixture designs that meet stringent aerospace requirements.

JUNIOR FIXTURE DESIGNER

SkyTech Solutions

2014 - 2016

- Assisted in the design and development of manufacturing fixtures for aerospace applications.
- Performed CAD modeling and contributed to design reviews for quality assurance.
- Supported prototype testing and documented results for future improvements.
- Collaborated with engineers to troubleshoot design issues and implement solutions.
- Maintained up-to-date documentation of all design changes and processes.
- Engaged in continuous learning to enhance technical skills and knowledge of aerospace standards.

CONTACT

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- San Francisco, CA

SKILLS

- CATIA
- Prototype Testing
- FMEA
- Team Collaboration
- Regulatory Compliance
- CAD Modeling

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING, EMBRY-RIDDLE AERONAUTICAL UNIVERSITY, 2015

ACHIEVEMENTS

- Improved fixture design efficiency by 20% through innovative CAD techniques.
- Recognized for outstanding contributions to a critical aerospace project.
- Contributed to a project that reduced assembly time by 15% through effective fixture design.