



Michael ANDERSON

MANUFACTURING ENGINEER II

Innovative Manufacturing Engineer with a focus on Industry 4.0 applications in the aerospace sector, bringing over 7 years of experience. Expert in leveraging advanced technologies such as AI and machine learning to enhance manufacturing processes and product quality. Strong proficiency in project management, having led multiple initiatives that resulted in significant improvements in efficiency and cost savings.

CONTACT

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SKILLS

- AI
- Machine Learning
- Quality Control
- Project Management
- Data Analysis
- Cross-Functional Collaboration

LANGUAGES

- English
- Spanish
- French

EDUCATION

**BACHELOR OF SCIENCE IN AEROSPACE
ENGINEERING, EMBRY-RIDDLE
AERONAUTICAL UNIVERSITY, 2014**

ACHIEVEMENTS

- Earned the Engineering Excellence Award for contributions to product quality improvements.
- Achieved a 20% reduction in production costs through efficiency initiatives.
- Recognized for leading successful integration of advanced manufacturing technologies.

WORK EXPERIENCE

MANUFACTURING ENGINEER II

AeroDynamics Inc.

2020 - 2025

- Implemented AI-driven quality control systems that reduced defects by 25%.
- Led a project to automate assembly processes, increasing throughput by 30%.
- Conducted data analysis to identify bottlenecks and optimize production workflows.
- Collaborated with design teams to enhance manufacturability of new components.
- Managed project timelines and budgets, ensuring successful delivery of engineering initiatives.
- Trained engineers on new manufacturing technologies, improving overall skill sets.

MANUFACTURING ENGINEER

FlightTech Solutions

2015 - 2020

- Contributed to the development of automated inspection systems, enhancing accuracy.
- Participated in cross-departmental teams to streamline operations and reduce costs.
- Conducted root cause analysis on production issues, implementing effective solutions.
- Assisted in the upgrade of manufacturing equipment to support new technologies.
- Coordinated with suppliers to ensure compliance with aerospace standards.
- Facilitated training sessions on quality assurance best practices for production staff.