



MICHAEL ANDERSON

AI Safety Lead Engineer

Strategic AI Safety Engineer with 9 years of experience in the aerospace industry, specializing in the integration of AI technologies in flight safety systems. My extensive background in aerospace engineering and AI has equipped me to assess and mitigate risks associated with AI applications in aviation.

WORK EXPERIENCE

AI Safety Lead Engineer 2020-2023

Aerospace Innovations Corp.

- Led initiatives to integrate AI in flight safety systems, improving safety metrics by 25%.
- Conducted thorough risk assessments on AI applications in autonomous flight.
- Collaborated with regulatory bodies to ensure compliance with aviation safety standards.
- Presented safety analysis findings to senior executives, influencing strategic direction.
- Facilitated workshops on AI safety for engineering teams.
- Developed safety protocols for AI-assisted flight control systems.

Aerospace Engineer 2019-2020

Flight Solutions LLC

- Designed AI models to enhance aircraft safety features.
- Conducted tests to ensure compliance with safety regulations in AI systems.
- Collaborated with cross-disciplinary teams to improve AI safety measures.
- Analyzed system performance to identify risks in AI applications.
- Prepared safety documentation for regulatory submissions.
- Trained engineering staff on AI safety principles and practices.

ACHIEVEMENTS

- Improved flight safety metrics by 25% through AI initiatives.
- Recognized for contributions to safety in aerospace by industry associations.
- Successfully led safety workshops that enhanced team capabilities in AI applications.

CONTACT

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EDUCATION

Master of Science in Aerospace Engineering

Massachusetts Institute of Technology
2016-2020

SKILLS

- AI integration
- risk assessment
- aviation safety
- compliance
- training development
- project management

LANGUAGES

- English
- Spanish
- French