

MICHAEL ANDERSON

Satellite Operations Manager

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Strategic Space Debris Mitigation Specialist with a comprehensive background in satellite operations and space mission planning. Expertise in managing satellite lifecycle processes with a focus on debris avoidance and mitigation strategies. Proven ability to coordinate complex missions, ensuring that all operational parameters align with safety regulations. Recognized for developing innovative solutions to enhance satellite resilience against debris impacts.

WORK EXPERIENCE

Satellite Operations Manager | Orbital Technologies Corp.

Jan 2022 – Present

- Managed satellite operations with a focus on debris avoidance and mitigation strategies.
- Coordinated mission planning activities to ensure compliance with safety regulations.
- Developed operational guidelines for debris tracking and risk assessment.
- Led cross-functional teams to enhance satellite resilience against debris impacts.
- Presented operational updates to senior management and stakeholders.
- Evaluated mission outcomes and implemented improvements for future operations.

Mission Planner, Satellite Operations | Space Mission Solutions

Jul 2019 – Dec 2021

- Coordinated satellite mission plans to optimize operations and minimize collision risks.
- Analyzed orbital data to inform decision-making on satellite maneuvers.
- Collaborated with engineering teams to develop debris mitigation strategies.
- Prepared reports on mission performance and risk assessments.
- Presented findings at operational reviews to inform strategic planning.
- Trained new staff on operational procedures and debris management practices.

SKILLS

satellite operations

mission planning

risk assessment

teamwork

operational compliance

analytical skills

EDUCATION

Bachelor of Science in Aerospace Engineering

2015 – 2019

Georgia Institute of Technology

ACHIEVEMENTS

- Successfully enhanced satellite collision avoidance protocols, reducing risks by 35%.
- Awarded the Excellence in Operations Award for outstanding management of satellite missions.
- Implemented a new system for real-time debris tracking, improving response times significantly.

LANGUAGES

English

Spanish

French