



# MICHAEL ANDERSON

## Lead Space Risk Analyst

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### SUMMARY

Distinguished Space Risk and Insurance Analyst with a profound understanding of the complexities inherent in aerospace risk management. Expertise encompasses the assessment of potential risks associated with space missions and satellite operations, utilizing advanced analytical methodologies to develop comprehensive insurance frameworks. Proven track record in collaborating with multi-disciplinary teams to formulate and implement risk mitigation strategies, ensuring organizational resilience against unforeseen contingencies.

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### WORK EXPERIENCE

#### Lead Space Risk Analyst Galactic Insurance Solutions

Jan 2023 - Present

- Conducted comprehensive risk assessments for over 50 space missions, identifying potential hazards and financial implications.
- Developed risk management frameworks that reduced liability exposure by 30% through meticulous analysis.
- Collaborated with engineering teams to integrate risk insights into mission design processes.
- Utilized predictive analytics tools to model risk scenarios and inform insurance underwriting practices.
- Presented findings to executive leadership, enhancing decision-making processes regarding mission viability.
- Trained junior analysts in risk assessment methodologies, fostering professional development and expertise within the team.

#### Insurance Analyst AstroRisk Advisors

Jan 2020 - Dec 2022

- Analyzed data from satellite operations to identify trends in risk exposure and insurance claims.
  - Assisted in the formulation of insurance policies tailored for commercial space ventures.
  - Conducted market research to benchmark insurance offerings and pricing strategies.
  - Collaborated with legal teams to ensure compliance with aerospace regulations.
  - Participated in cross-functional teams to enhance risk communication strategies.
  - Monitored industry developments and emerging risks, providing insights to senior management.
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### EDUCATION

#### Master of Science in Aerospace Engineering, Massachusetts Institute of Technology; Bachelor of Science in Mathematics, University of California, Berkeley

Sep 2019 -

Oct 2020

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### ADDITIONAL INFORMATION

- **Technical Skills:** risk assessment, insurance analysis, predictive modeling, compliance management, data analysis, stakeholder communication
- **Awards/Activities:** Successfully reduced insurance costs by 25% through strategic negotiations with underwriters.
- **Awards/Activities:** Led a team project that developed a new risk assessment tool adopted company-wide.
- **Awards/Activities:** Received the Excellence in Risk Management Award for outstanding contributions to the field.
- **Languages:** English, Spanish, French