

MICHAEL ANDERSON

Junior Orbital Mechanics Analyst

- San Francisco, CA
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Proactive Orbital Mechanics Analyst with a strong technical foundation and a commitment to advancing aerospace engineering practices. Demonstrates expertise in spacecraft trajectory optimization and orbital dynamics analysis. Proven ability to collaborate effectively within interdisciplinary teams, driving project success and innovation. Recognized for analytical skills and a detail-oriented approach to problem-solving. Dedicated to leveraging educational background and practical experience to contribute to the development of cutting-edge aerospace technologies and mission objectives.

WORK EXPERIENCE

Junior Orbital Mechanics Analyst | NASA Glenn Research Center

Jan 2022 – Present

- Assisted in the development of orbital mechanics models for research purposes.
- Participated in simulations to analyze spacecraft performance.
- Collaborated with engineering teams to support mission planning.
- Documented findings and contributed to technical reports.
- Engaged in team discussions to enhance project strategies.
- Supported the development of training materials for new analysts.

Intern - Orbital Mechanics | NASA Langley Research Center

Jul 2019 – Dec 2021

- Conducted preliminary analysis of orbital trajectories for research projects.
- Assisted in data gathering and processing for simulations.
- Collaborated with mentors to develop analytical skills.
- Participated in team meetings and contributed to project updates.
- Documented results and assisted in report writing.
- Engaged in professional development workshops.

SKILLS

trajectory optimization orbital dynamics analytical skills teamwork simulation documentation

EDUCATION

B.S. in Mechanical Engineering

Los Angeles

University of California

ACHIEVEMENTS

- Contributed to a project that improved simulation accuracy by 10%.
- Recognized for outstanding performance during internship.
- Participated in a research project that won departmental honors.

LANGUAGES

English Spanish French