

MICHAEL ANDERSON

Thermal Systems Engineer

- San Francisco, CA
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Detail-oriented Aerospace Mechanical Engineer with a strong background in thermal systems and fluid dynamics. With over 4 years of experience, I have developed a keen understanding of the principles governing thermal management in aerospace applications. My work has involved the design and analysis of advanced cooling systems, significantly impacting the performance and reliability of aircraft engines.

WORK EXPERIENCE

Thermal Systems Engineer | AeroThermal Solutions

Jan 2022 – Present

- Designed thermal management systems for high-performance aircraft engines.
- Conducted simulations to analyze thermal behaviors and optimize cooling solutions.
- Collaborated with design teams to ensure integration of thermal systems within engine designs.
- Performed tests to validate thermal performance under various operational conditions.
- Documented findings and provided recommendations for design improvements.
- Participated in technical reviews and supported project management efforts.

Mechanical Engineer | Fluid Dynamics Corp

Jul 2019 – Dec 2021

- Assisted in the design and analysis of fluid systems for aerospace applications.
- Conducted experiments to validate fluid dynamic principles in real-world scenarios.
- Collaborated with cross-disciplinary teams to enhance system performance.
- Prepared technical documentation and project reports.
- Supported troubleshooting efforts during testing phases.
- Engaged in continuous learning about emerging technologies in fluid dynamics.

SKILLS

Thermal Management Fluid Dynamics Simulation Tools Design Analysis Team Collaboration
Technical Documentation

EDUCATION

Bachelor of Science in Mechanical Engineering

2015

University of Illinois

ACHIEVEMENTS

- Improved engine cooling efficiency by 20% through innovative design solutions.
- Recognized for contributions to a project that received industry accolades.
- Published research on thermal systems in a leading engineering publication.

LANGUAGES

English Spanish French