



Michael ANDERSON

THERMAL SYSTEMS ENGINEER

Innovative Thermal Systems Engineer with 8 years of experience in the manufacturing sector, specializing in the development of thermal control systems for industrial applications. Expertise includes heat exchanger design, thermal analysis, and process optimization. Demonstrates a strong understanding of thermodynamics and fluid dynamics, applying this knowledge to improve system efficiency and reliability.

CONTACT

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- 📍 San Francisco, CA

SKILLS

- Thermal Control
- Heat Exchanger Design
- Process Optimization
- Simulation Tools
- Project Leadership
- Team Collaboration

LANGUAGES

- English
- Spanish
- French

EDUCATION

**BACHELOR OF SCIENCE IN
MECHANICAL ENGINEERING,
UNIVERSITY OF MICHIGAN**

ACHIEVEMENTS

- Improved system efficiency by 15% through innovative thermal designs.
- Received 'Employee of the Month' for exceptional project contributions.
- Involved in a project that won the 'Best Innovation' award in the industry.

WORK EXPERIENCE

THERMAL SYSTEMS ENGINEER

Industrial Heat Solutions

2020 - 2025

- Designed and optimized heat exchangers for various industrial processes.
- Conducted thermal performance evaluations using ANSYS and SolidWorks.
- Collaborated with production teams to implement thermal improvements.
- Developed testing protocols for new thermal systems.
- Presented project findings to management to facilitate decision-making.
- Mentored junior engineers in thermal design methodologies.

JUNIOR THERMAL ENGINEER

Heat Transfer Innovations

2015 - 2020

- Assisted in the design of thermal systems for manufacturing applications.
- Performed thermal simulations to validate design concepts.
- Collaborated with engineering teams to ensure design compliance.
- Documented thermal performance results for client presentations.
- Participated in continuous improvement projects to enhance processes.
- Supported senior engineers in troubleshooting thermal issues.