MICHAEL ANDERSON

Thermal Systems Engineer

- San Francisco, CA
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Versatile Vehicle Systems Engineer with a specialization in thermal management systems for high-performance vehicles. With over 4 years of experience in the automotive sector, I have worked on optimizing thermal systems to enhance vehicle efficiency and performance. My expertise includes the design and analysis of cooling systems and thermal dynamics, ensuring that vehicles operate within optimal temperature ranges under various conditions.

WORK EXPERIENCE

Thermal Systems Engineer | Performance Automotive Group Jan 2022 – Present

- Designed cooling systems for high-performance vehicles to optimize efficiency.
- Conducted thermal simulations to evaluate system performance.
- Collaborated with design teams to integrate thermal solutions into vehicle architecture.
- Performed testing to validate thermal performance under extreme conditions.
- Documented findings and recommendations for future projects.
- Engaged in regular team meetings to discuss project progress.

Mechanical Engineer | Extreme Performance Vehicles Jul 2019 – Dec 2021

- Assisted in the design of thermal management components for vehicles.
- Utilized CAD software for modeling and analysis of thermal systems.
- Conducted tests to ensure compliance with industry standards.
- Collaborated with cross-functional teams to achieve project goals.
- Documented design specifications for thermal systems.
- Participated in brainstorming sessions to foster innovation.

SKILLS

Thermal management, Cooling systems, Thermal dynamics, Simulation software, Collaboration, Continuous improvement

EDUCATION

Bachelor of Science in Mechanical Engineering 2015 – 2019

University of Illinois Urbana-Champaign

ACHIEVEMENTS

- Improved vehicle cooling efficiency by 15% through innovative designs.
- Recognized for outstanding contributions to thermal system projects.
- Successfully reduced prototype testing time by 20%.

LANGUAGES

English, Spanish, French