



Michael ANDERSON

SENIOR HVAC SYSTEMS ENGINEER

Results-driven Automotive HVAC Engineer with over 9 years of experience specializing in the design and implementation of advanced heating and cooling systems for vehicles. Exceptional skills in project management and technical problem-solving, with a proven ability to deliver innovative solutions that enhance vehicle performance and customer satisfaction. Strong analytical background, utilizing simulation and modeling tools to ensure optimal system functionality and efficiency.

CONTACT

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- 📍 San Francisco, CA

SKILLS

- HVAC Design
- Energy Optimization
- Project Delivery
- System Integration
- Technical Training
- Supplier Negotiation

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN MECHANICAL ENGINEERING, STANFORD UNIVERSITY, 2013

ACHIEVEMENTS

- Led a project that reduced HVAC energy consumption by 20% in luxury models.
- Recognized for excellence in engineering at the annual company awards.
- Developed a training program for new engineers that improved team efficiency.

WORK EXPERIENCE

SENIOR HVAC SYSTEMS ENGINEER

NextGen Automobiles

2020 - 2025

- Led the development of next-generation HVAC systems for luxury vehicles.
- Conducted energy consumption analysis to optimize system designs.
- Collaborated with design teams to ensure seamless integration with vehicle architecture.
- Managed project timelines and delivered results ahead of schedule.
- Implemented testing protocols to validate system reliability and performance.
- Trained junior engineers on advanced HVAC design techniques.

HVAC DESIGN ENGINEER

Auto Performance Systems

2015 - 2020

- Assisted in the design and optimization of HVAC systems for commercial vehicles.
- Conducted simulations to assess thermal performance under various conditions.
- Collaborated with manufacturing to streamline production processes.
- Documented design changes and maintained compliance with industry standards.
- Engaged in supplier negotiations to secure quality components.
- Participated in project reviews and provided technical insights.