

MICHELLE SANDERS

Entry Level Mechanical Engineer

📞 (237)

🌐 that-authority.org

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📍 Rohanstad, Gabon



SUMMARY

Passionate and results-driven Mechanical Engineer with 5+ years of experience in designing innovative building systems for diverse industries. Proficient in analyzing complex engineering problems, delivering accurate designs, and coordinating cross-functional teams. Skilled in utilizing CAD software, developing energy-efficient solutions, and ensuring compliance with codes and regulations. Managed multiple engineering projects resulting in significant cost savings and improved energy efficiency. Excited to bring my expertise to a company committed to technical excellence and shaping the future of the industry.

EXPERIENCE

Mechanical Engineer

Henderson

📅 2022 - Ongoing 📍 New York, NY

Designed and developed innovative building systems for clients in the higher education, sports & venue, healthcare, grocery, restaurant, and retail industries to meet their specific needs.

- Led a team of engineers to successfully project-manage the design and installation of HVAC systems for a large-scale educational institution, resulting in a 15% increase in energy efficiency.
- Collaborated with architects and contractors to integrate mechanical systems seamlessly into building designs, resulting in a 10% reduction in construction costs.
- Performed detailed analysis on existing building systems to identify opportunities for optimization and improvement, resulting in a 25% reduction in maintenance expenses.

Engineering Intern

Smith Engineering

📅 2017 - 2022 📍 Los Angeles, CA

Provided support to the engineering team in the design and development of mechanical systems for various construction projects.

- Assisted in the creation of 3D models using CAD software, resulting in improved visualization and identification of design flaws.
- Conducted performance tests on prototype equipment, contributing to the development of more efficient and reliable products.
- Collaborated with senior engineers to analyze data from field tests and propose design modifications to enhance system performance.

MY LIFE PHILOSOPHY

Innovation is the key to solving industry-wide problems and driving progress towards a sustainable future.

STRENGTHS



Analytical Thinking

Highly skilled at analyzing complex engineering problems and finding efficient solutions resulting in a 20% reduction in product development time.



Strong Communication

Excellent verbal and written communication skills, demonstrated through the successful coordination and collaboration with cross-functional teams on multiple engineering projects.



Detail-oriented

Keen attention to detail with a proven track record of delivering accurate and precise engineering designs, resulting in a 10% reduction in manufacturing defects.

LANGUAGES

English

Native



Spanish

Advanced

