ENOCH LINDEMAN

Mechanical Engineer / Entry-Level Engineer

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www.linkedin.com/in/enoch-lindeman San Diego, CA

SUMMARY

Recent Mechanical Engineering graduate with a strong foundation in engineering fundamentals and hands-on experience in problem-solving, design, and product development. Passionate about contributing to innovative solutions that support sustainability and carbon reduction. Eager to leverage technical skills, adaptability, and collaborative approach within Solar Turbines' Technology and New Product Introduction (NPI) Engineering Rotation Program.

EXPERIENCE

Mechanical Engineering Intern

XYZ Engineering Solutions
Jun 2023 – Aug 2023
Phoenix, AZ

Assisted in mechanical design and testing of industrial components

- Collaborated with engineers in developing CAD models and performing simulations to optimize mechanical systems for efficiency and reliability
- Conducted performance testing and analysis, documenting results to support design improvements and innovation

Contributed to sustainability-focused engineering projects

- Supported experimental development and testing of new materials aimed at reducing emissions and enhancing energy efficiency
- Created technical reports and presented findings to the engineering team, demonstrating effective communication and problem-solving skills

Owner & Software Developer

by The Lindemans
Dec 2022 – Ongoing
Glendale, AZ

Developed software solutions for various applications

- Applied engineering principles to design and develop software that supports system monitoring, performance analysis, and efficiency improvements
- Integrated data analysis and technical problem-solving to enhance user interfaces and improve operational workflows

Managed collaborative engineering projects

- Coordinated with cross-functional teams to deliver innovative solutions that met project requirements and enhanced product capabilities
- Developed technical documentation and user manuals to support clear understanding and proper utilization of developed software

Mission Technology Specialist

The Church of Jesus Christ of Latter-Day Saints
May 2020 – May 2022
Syracuse, NY

Provided technical support in a multi-site environment

- Assisted in the setup, monitoring, and maintenance of technical systems, ensuring reliable performance across locations
- Supported training initiatives by creating materials that improved the technical competency of team members

Contributed to data-driven solutions and reporting

- Developed and maintained data collection systems, providing analysis and insights to inform decision-making and process improvements
- Collaborated with team members to create technical documentation that facilitated knowledge transfer and operational efficiency

EDUCATION

Bachelor of Science in Mechanical Engineering

Arizona State University
May 2024
Tempe, AZ

- Graduated with 3.9 GPA
- Relevant coursework: Thermodynamics, Fluid Mechanics, Heat Transfer, and Combustion Engineering
- Senior Project: Designed a sustainable energy system aimed at reducing emissions in small-scale applications

SKILLS

Mechanical Design | Thermodynamics | CAD Modeling | Combustion Engineering | Heat Transfer | Experimental Testing | Sustainability | Agile Methodologies | Technical Documentation | Data Analysis | Team Collaboration | Problem Solving