Angel Andres Hernandez Serna

Aguascalientes, AGS

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Experiencia profesional

• Staff Senior en Jatco Mexico

diciembre 2022 - septiembre 2025

Leadership in solving complex problems related to line efficiency and direct labor cost. Implementation and optimization of industrial engineering methodologies with a focus on waste reduction and productivity improvement. Coordination of strategic continuous improvement projects at a global level within Jatco. Identification of improvement opportunities in equipment and processes by analyzing OEE and its losses. Training and development of personnel in industrial engineering tools to strengthen the culture of continuous improvement.

• Interno en Jatco Mexico

julio 2022 - noviembre 2022

During my internship in the Quality Department, I designed and developed a comprehensive database system using VBA to track and manage calibrator records. The tool improved monitoring accuracy and efficiency by enabling detailed data input, real-time updates, and historical tracking, while also generating automated reports and alerts to ensure compliance with calibration schedules, enhancing traceability and reducing human error.

• Staff en Serna's Trucking

septiembre 2021 - diciembre 2021

During my time at Sernas Trucking, I developed and implemented digital inventory control systems, designed tools for stock tracking and resource optimization, and created HOE diagrams and flowcharts to improve operational processes. I also supported cross-department communication through translation of technical documentation and applied Lean tools to enhance logistics efficiency and accuracy.

• Interno en Université de Lille

enero 2021 - julio 2021

During my academic exchange at the Université de Technologie de Lille in France, I created a mechanical load simulator designed to support students in the demonstration of load behavior across different machines. The simulator provided a practical learning tool to visualize how varying loads impact machine performance, improving the understanding of mechanical concepts in a hands-on way. This project allowed me to integrate theoretical knowledge with practical application, while also enhancing my skills in technical design, problem-solving, and collaboration within an international academic environment.

Objetivo profesional

Puesto: Staff
Salario mensual deseado: $25,000

I am an Industrial Engineer specialized in process improvement, ergonomics, and Lean methodologies, with experience leading manufacturing optimization projects and implementing cost-efficient solutions. I aim to contribute my analytical, technical, and problem-solving skills to innovative teams while continuing to expand my capabilities in software development to create smarter and more efficient industrial processes.

Área de especialidad

Ingeniería industrial, Ingeniería de procesos, Automatización

Habilidades

office avanzado, lean manufacturing, instalación de líneas de producción, ergonomía, overall equipment effectiveness, github, javascript, html css3, kaizen mejora continua, toma de tiempos y movimientos

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Educación

• **EBAC**
2024 - Actual
Diplomado en Full Stack Dev. Python

• **Universidad Tecnológica de Aguascalientes**
2021 - 2023
Universitario - Titulado en Sistemas Productivos

• **Universidad de Lille**
2020 - 2021
Diplomado en Automatizacion y Calidad

• **Universidad Tecnológica de Aguascalientes**
2018 - 2020
Universitario - Titulado en Procesos Industriales Área Manufactura

Idiomas

Español Lengua nativa, Inglés Avanzado, Francés Avanzado, Alemán Básico

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Enlaces

https://angelserna23.github.io/myWeb/index.html
https://www.linkedin.com/in/angel-andres-hernandez-serna-a6b91a273/
https://www.instagram.com/huesos0.0/