



DAVID LOPEZ

INDUSTRIAL ENGINEER

PERSONAL PROFILE

- Great motivation to continue perfecting skills and growing professionally.
- Results oriented problem solving ability.
- Great performance under pressure.

CONTACT

-  Guadalajara
Jalisco
Mexico
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EDUCATION

Industrial engineering Degree.

2018-2022

Centro universitario de ciencias exactas e ingeniería. (CUCEI)

Certification in White and Yellow

Belt. **2021**

Lean Six Sigma Institute

SKILLS

- Handling of Lean manufacturing and Six sigma tools.
- English B2.
- Develop of dashboards (BI)
- Programming for automation of RPAs
- Management of CAD software (Solidworks, SketchUp, Autocad).
- Management of production line simulation software (Visual Components / Flexsim).
- Advanced management of Microsoft office.
- Advanced knowledge in programming and development of Macros in Excel.
- Developed and Management of Power BI system.
- Knowledge in administration of data base Access / SQL.

WORK EXPERIENCE

Continental - Industrial engineer MP

JUN 2021 - CURRENT



- Management and development of new projects.
- Monitoring KPIs for project goals.
- Administering capacity calculations using data analysis tools.
- Preparing instructions for operational efficiency.
- Conducting ESD audits for compliance and safety.
- Visualizing scenarios with SOS and OBCs.
- Executing release runs engineering changes.
- Analyzing Overall Equipment Effectiveness (OEE) for improvements.
- Creation of purchase orders for procurement optimization.
- Managing SAP AMP/NPI for resource allocation.
- Layout optimization for workflow efficiency.
- Miscellaneous handling and tariff classifications.
- Optimizing production processes to improve micrologistics.



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INDUSTRIAL ENGINEER

Interplex- Industrial engineer Trainee

JUN 2020- JUN 2021



- Implementation of line certification using the IBS system, with a focus on process optimization.
- Utilization of Lean Tools including Visual Factory, Standard Work, 5S's, Total Preventive Maintenance, Kaizen, and other Lean Manufacturing tools.
- Problem-solving strategies centered on data analysis to identify and eliminate waste.
- Monitoring and analysis of Overall Equipment Effectiveness (OEE) data to drive improvements.
- Development of data-driven KAIZEN (SMED) events aimed at reducing tool change or set-up time.
- Creation of an interactive data-driven feeding system to visualize and analyze 5S's results, utilizing macros in Excel.



MotiDigital - Process engineer Intern

JUN 2019- JUN 2020

- I specialized in optimizing internal processes, implementing improvements based on problem detection using tools such as A3, 8D's, and PDCA.
- I developed procedure manuals in accordance with ISO standards requirements for all activities carried out within the company.
- I analyzed and eliminated activities that did not add value to the product.
- I prepared instructions for industrial machines, facilitating operator understanding.
- I designed and conducted quality control and management audits.
- I analyzed times to calculate capacities and conducted audits to verify compliance with internal transport units.
- I monitored and analyzed Key Performance Indicators (KPIs).

APTITUDES

- I consider myself a person who looking for problems finds opportunities.
- I'm a proactive person.
- Responsible.
- Punctual.
- Disciplined.
- Open to learning and teamwork.



CERTIFICATE

This certifies that

DAVID LOPEZ

Has met the required knowledge standards for completion of the

LEAN SIX SIGMA YELLOW BELT COURSE

Validation code: 30300-10060-20203
Granted on: June 30, 2021

LUIS SOCCOMINI
EXECUTIVE DIRECTOR



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Effective 3 years



WHITE BELT - CERTIFICATE OF KNOWLEDGE

This certificate is hereby presented to

DAVID LOPEZ

Who has successfully completed the White Belt certification course.

Certificate code: 14319-10060-24219
Granted on: January 12, 2021

LUIS SOCCOMINI
EXECUTIVE DIRECTOR



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RECONOCIMIENTO

Otorgado a:

DAVID LOPEZ CHAVEZ

Por su participación y aportación en el evento Kaizen impartido del 11 a 15 de enero de 2021
Realizado a cabo en el área de lavado de INTERPLEX.

LUIS SOCCOMINI
Executive Director