

Process Improvement Engineer

Olivia Garcia

Professional summary

Industrial Engineer with experience in process improvement and operational efficiency. Seeking a senior-level position to apply advanced knowledge of lean manufacturing, process optimization, and data analysis to drive continuous improvement.

Experience

Process Improvement Engineer

August 2020 - Now

Siemens / United States, Dallas, TX

- Spearhead process improvement initiatives that reduced operational costs by 22% across multiple departments.
- Implement data-driven solutions using statistical analysis to optimize production schedules and reduce delays by 18%.
- Collaborate with production teams to introduce automation systems, cutting manual labor costs by 25%.
- Utilize process mapping and root cause analysis to identify inefficiencies and streamline workflows.

Industrial Engineer – Continuous Improvement

July 2014 - July 2020

Textron / United States, Dallas, TX

- Applied lean methodologies to streamline processes, reduce waste, and improve production flow.
- Designed and implemented performance metrics for evaluating process improvements.
- Conducted time studies and workflow analysis to reduce cycle time by 10%.
- Developed training materials and conducted sessions for staff to promote lean principles and operational efficiency.

Publications

- **“Leveraging Automation for Lean Success in Manufacturing”**, Industrial Engineering Journal, September 2021
- **“Reducing Cycle Times through Workflow Optimization”**, Texas A&M Engineering Review, April 2014

☎ (972) 555-2345

✉ olivia.garcia@gmail.com

📍 United States, Dallas, TX

Education

Master of Science in Engineering

2012 - 2014

Texas A&M University

College Station, TX

Bachelor of Science in Industrial Engineering

2008 - 2012

University of Texas at Austin

Certifications

- **Lean Six Sigma Black Belt**, ASQ, 2019
- **CPSM**, Institute for Supply Management, 2017

Skills

Process Mapping ◆◆◆◆◆

Lean Manufacturing ◆◆◆◆◆

Statistical Data Analysis ◆◆◆◆◆

Root Cause Analysis ◆◆◆◆◆

Cost Reduction ◆◆◆◆◆

Workflow Optimization ◆◆◆◆◆

Automation Systems ◆◆◆◆◆

Languages

◆ English: Native ◆ Italian: Fluent

Hobbies

- ◆ Sustainability in Manufacturing
- ◆ DIY Projects