



Liam Garcia

A results-oriented process engineering manager with 9 years of experience in optimizing production processes, reducing waste, and implementing continuous improvement strategies. Expertise in process automation and developing cost-saving solutions for manufacturing and production environments.

CONTACT



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LinkedIn | Portfolio



Houston, TX

PROFESSIONAL EXPERIENCE

Process Engineering Manager | PetroTech Industries, Houston, TX
May 2018 - Present

- Lead a team of 12 engineers in the optimization of chemical production processes, resulting in a 15% reduction in waste and a 10% increase in throughput
- Spearheaded the introduction of automation technologies, leading to a 20% reduction in energy consumption across the production line
- Managed process improvement initiatives, achieving an 8% cost reduction while maintaining quality standards

Senior Process Engineer | GreenTech Innovations, Houston, TX
March 2014 - May 2018

- Conducted thorough process analysis and designed modifications that reduced product defects by 12%
- Collaborated with operations and quality teams to implement new processes that improved product consistency and reduced downtime by 25%
- Developed training programs for operators to enhance their understanding of process optimizations

EDUCATION

Master of Science (M.S.) Chemical Engineering in Civil Engineering
University of Texas, Austin, TX | May 2014

Bachelor of Science (B.S.) Chemical Engineering
Texas A&M University, College Station, TX | August 2012

CERTIFICATIONS

Lean Six Sigma Green Belt, May 2015

Project Management Professional (PMP), Project Management Institute, February 2017