



Moira Woodruff

CONTACT

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San Diego, CA

EDUCATION

Bachelor of Science in Manufacturing Engineering

University of California, Los Angeles (UCLA), Los Angeles, CA

Graduated: May 2016

CERTIFICATIONS

- Project Management Professional (PMP) – In Progress
- Certified Six Sigma Green Belt (2023)
- Lean Manufacturing Certification (2021)

PROFESSIONAL SUMMARY

Detail-oriented Manufacturing Systems Engineer with over 8 years of experience in optimizing manufacturing processes and implementing automation solutions. Proven track record of enhancing production efficiency and reducing costs in fast-paced environments. Skilled in Lean Manufacturing, Six Sigma methodologies, and systems integration.

EXPERIENCE

Manufacturing Systems Engineer 2020 - Now Qualcomm Technologies, Inc., San Diego, CA

- Lead a team of engineers in the design and implementation of automated systems for semiconductor manufacturing, resulting in a 25% increase in throughput.
- Conduct process mapping and value stream analysis to identify bottlenecks and inefficiencies, reducing production cycle time by 15%.
- Collaborate with cross-functional teams to integrate Industry 4.0 technologies, enhancing data collection and real-time monitoring of production systems.
- Develop training programs for staff on new automation technologies, improving overall team competency in systems operations.

Process Engineer 2017 - 2020 General Motors, Detroit, MI

- Managed the optimization of assembly line processes for the Chevrolet Silverado, achieving a 20% reduction in assembly time through workflow improvements.
- Implemented Lean manufacturing techniques, resulting in a 30% decrease in material waste and a significant reduction in operational costs.
- Analyzed production data and KPIs to provide insights for continuous improvement initiatives, leading to increased product quality and customer satisfaction.

Industrial Engineer 2016 - 2016 Boeing, Long Beach, CA

- Developed and implemented process improvements for aircraft production, increasing overall production efficiency by 18%.
- Conducted time studies and resource allocation assessments to optimize labor utilization across multiple production lines.
- Collaborated with design engineers to ensure manufacturability of new aircraft components, contributing to the successful launch of the 787 Dreamliner.