

George Johnson

Process Engineer

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Profile Summary

Detail-oriented Process Engineer with over 8 years of experience in designing and optimizing industrial processes, driving efficiency improvements, and spearheading cost-reduction initiatives. Proven track record of implementing lean methodologies and increasing yield by up to 15% in manufacturing settings. Adept at cross-functional collaboration and problem-solving in high-pressure environments.

Work Experience

Senior Process Engineer

General Electric

1st Feb, 2018 - Present

- Led a team of 5 engineers in redesigning manufacturing processes, increasing production efficiency by 18%.
- Implemented Six Sigma methodologies, which reduced process variation by 12%.
- Collaborated with cross-functional teams to streamline workflows, resulting in a 10% reduction in operational costs.

Process Engineer

Boeing

1st Jan, 2015 - 31st Jan, 2018

- Instrumental in the development of new material handling procedures that improved throughput by 20%.
- Developed and executed training programs for over 50 staff, enhancing their operational skills and process knowledge.
- Conducted root cause analysis on process failures, implementing corrective actions that reduced downtime by 15%.

Education

Massachusetts Institute of Technology

Master of Science in Chemical Engineering

1st Sep, 2012 - 31st May, 2014

University of Illinois at Urbana-Champaign

Bachelor of Science in Chemical Engineering

1st Sep, 2008 - 31st May, 2012

Skills

Process Optimization, Lean Manufacturing, Six Sigma, Root Cause Analysis, Project Management

Notable Projects

Lean Manufacturing Initiative

Spearheaded a lean manufacturing initiative that streamlined production processes, reducing waste by 25% and saving \$500,000 annually.

Certifications

Six Sigma Black Belt

Issued by International Association for Six Sigma Certification, 10th Mar, 2017

Awards

Employee of the Year

Awarded by General Electric, 15th Dec, 2019