




Alejandro Dinh

Manufacturing Process Engineer

Manufacturing Process Engineer with 2 years of experience in optimizing production processes, enhancing operational efficiency, and ensuring product quality. Skilled in Lean Manufacturing, Six Sigma, and Root Cause Analysis. Proficient in CAD software and data-driven decision making. Adept at implementing process improvements, reducing waste, and driving continuous improvement initiatives. Demonstrated ability to collaborate effectively with cross-functional teams to achieve manufacturing goals and objectives.

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Education

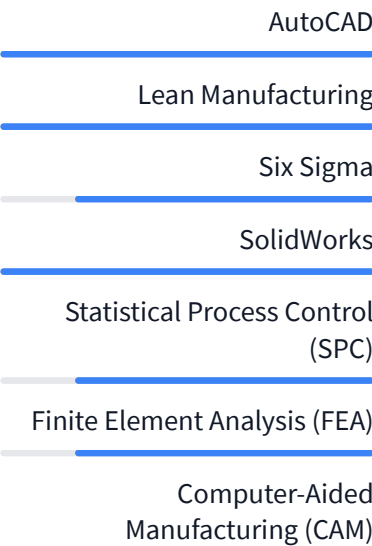
**Bachelor of Science in
Manufacturing Engineering
at University of
Nebraska-Lincoln, NE**
Aug 2016 - May 2021

Relevant Coursework:
Manufacturing Processes,
Engineering Materials,
Industrial Automation,
CAD/CAM, Quality Control, Lean
Manufacturing, Production
Planning and Control,
Engineering Economics, and
Operations Research.

Links

[linkedin.com/in/alejandrodinh](https://www.linkedin.com/in/alejandrodinh)

Skills



Employment History

Manufacturing Process Engineer at Nebraska Aluminum Castings Inc., NE

Mar 2023 - Present

- Reduced production cycle time by 20% through the implementation of lean manufacturing principles and optimizing process flow, resulting in a savings of \$500,000 annually for Nebraska Aluminum Castings Inc.
- Developed and implemented a new quality control system that reduced scrap rates by 15%, leading to an annual cost savings of \$300,000 and improving overall product quality for customers.
- Spearheaded a cross-functional team to identify and resolve a critical bottleneck in the casting process, ultimately increasing overall production capacity by 10% and contributing to a revenue increase of \$1 million.

Associate Manufacturing Process Engineer at Metal-Tech Partners, NE

Jul 2021 - Feb 2023

- Implemented a new manufacturing process that increased production efficiency by 20%, resulting in annual savings of \$500,000 for Metal-Tech Partners.
- Optimized the use of raw materials by 15% through the development and integration of an innovative waste reduction strategy, saving the company \$200,000 annually.
- Led a cross-functional team to successfully troubleshoot and resolve a critical production bottleneck, increasing overall throughput by 25% and reducing lead times by 10%.
- Collaborated with the Quality Assurance department to reduce product defects by 30%, leading to a 5% increase in customer satisfaction and a subsequent 10% growth in sales revenue.

Certificates

Certified Manufacturing Engineer (CMfgE)

Aug 2021

Lean Six Sigma Green Belt Certification

Apr 2020