

Aaron Castillo

QUALITY ENGINEERING INTERN

Dayton, OH (937) 555-0131 aaron.castillo@email.com linkedin.com/in/aaroncastillo

SUMMARY

Industrial engineering student at the University of Dayton, graduating in 05/2027, now in a quality engineering co-op at an aluminum die casting plant. Applies blueprint reading and dimensional inspection to castings, builds Excel and Minitab scrap reports, supports root cause analysis on casting defects, and seeks a summer 2027 quality engineering internship.

SKILLS

Other Skills: Root Cause Analysis, Dimensional Inspection, Blueprint Reading, Control Charts, Excel, Word, PowerPoint, Minitab, Attention to Detail, Problem-Solving Skills

EXPERIENCE

Quality Engineering Intern

05/2026 - Present

Miami Valley Die Casting

Dayton, OH

Co-op with the quality team of a 220-person aluminum die casting plant serving automotive and HVAC customers.

- Measure first-article and in-process castings during dimensional inspection, checking 150 features a week with calipers, gauges and CMM reports.
- Build weekly Excel scrap Pareto charts for 3 casting cells and present them in PowerPoint at the daily quality meeting.
- Support root cause analysis on porosity defects with fishbone diagrams, helping cut cell 2 scrap from **6.1%** to 4.3%.
- Update 40 work instructions and inspection sheets in Word after engineering changes, adding photos of each check.

Production Associate

05/2025 - 08/2025

Gem City Plastics

Dayton, OH

Summer job on the injection molding floor of a plastic parts supplier for appliance makers.

- Operated 2 injection molding presses per shift, packing **3,000** parts a shift with 99.5% passing final audit.
- Recorded hourly part checks on control charts and stopped the line twice for out-of-limit readings.
- Sorted suspect lots during 4 customer containment events, logging counts and defect types on audit sheets.

EDUCATION

Bachelor of Science

05/2027

University of Dayton

Dayton, OH

Industrial Engineering

CERTIFICATES

OSHA 10-Hour General Industry

OSHA Training Institute

2025