Tyler Nguyen

Manufacturing Intern

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SUMMARY

Industrial engineering junior at Purdue University seeking a manufacturing internship, with 2 summers of production work at an injection molding plant. Uses root cause analysis, data analysis in Microsoft Excel and AutoCAD layouts to fix line problems, and works in close collaboration with operators.

EDUCATION

Bachelor of Science in Industrial Engineering 05/2028

Purdue University West Lafayette, IN

Industrial Engineering GPA: 3.5

EXPERIENCE

Production Associate (part-time) 05/2025 - Present

Wabash Precision Molding Lafayette, IN

Plastic injection molding plant making automotive interior parts on 24 presses; full-time in summer, weekend shifts during school.

- Operate and monitor **3** injection molding presses per shift, inspecting parts against quality specs.
- Tracked scrap by defect type in Microsoft Excel; data analysis showed 1 mold causing 40% of short shots.
- Partnered with a root cause analysis team that fixed the mold vent issue, cutting scrap on that part by 30%.
- Drafted an AutoCAD layout for a new packing station that removed 2 extra steps per box.

Material Handler (summer) 06/2024 - 08/2024

Wabash Precision Molding Lafayette, IN

Same plant, first summer role on the warehouse and resin supply team.

- Supplied resin and inserts to **24** presses by forklift, with zero line stoppages from late materials.
- Organized 5S floor zones for the resin area, freeing 300 sq ft of floor space.
- Recorded lot numbers in Microsoft Word logs used for traceability audits.

SKILLS

AutoCAD • Root Cause Analysis • Data Analysis • Lean Manufacturing • 5S Quality Inspection • Microsoft Excel • Microsoft Word • Project Management • Collaboration

CERTIFICATES

OSHA 10-Hour General Industry

OSHA Outreach Training Program

05/2024