

COOPER ROOD

SYSTEMS | DATA | OPERATIONS | PROGRAM EXECUTION

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PROFESSIONAL SUMMARY

Systems, data, and operations professional with experience improving manufacturing and business processes through ERP systems, analytics, automation, costing, forecasting, and cross-functional execution. Builds practical solutions using Python, SQL, APIs, and internal web tools, while also establishing standards, improving workflows, and translating business needs into repeatable processes. Brings a combination of technical problem-solving, financial and operational understanding, communication, and people leadership.

CORE COMPETENCIES

Data & Systems: Python • SQL • ERP APIs • ERP systems • Data analysis • Reporting • Data quality

Business & Financial: Part processing • Costing • Gross-margin analysis • Budgeting • Forecasting • Profitability review

Operations & Improvement: OEE/KPIs • Process optimization • Lean manufacturing • Workflow design • Standardization

Program & Leadership: Cross-functional coordination • Requirements translation • Process ownership • Coaching • Public speaking

PROFESSIONAL EXPERIENCE

Manufacturing Analyst | Vantage Plastics

Apr 2022 - Present

Standish, Michigan

- Own and improve manufacturing and business workflows spanning ERP reporting, operational analytics, part processing, costing, forecasting, accounting support, and internal systems.
- Build Python/API-driven internal tools and dashboards, including production/OEE and equipment visibility tools plus a daily Accounts Receivable automation that organizes invoice follow-up and generates populated customer email drafts for review.
- Support financial operations through general ledger posting, account balancing and reconciliation, manufacturing costing, gross-margin and profitability analysis, and maintaining accurate ERP financial and operational data.
- Build and maintain forecasting files and budgeting tools used to organize financial and operating assumptions, improve reporting consistency, and support planning; previously reduced forecasting preparation time by about 50%.
- Manage part-processing and costing responsibilities and help establish repeatable standards, KPI/OEE processes, reporting workflows, and controls that improve consistency across manufacturing and business operations.

Sales Engineering Intern | Vantage Plastics

Apr 2021 - Apr 2022

Standish, Michigan

- Built and implemented an Excel-based quoting system that standardized the quoting process, reduced manual errors, and improved consistency.
- Improved data-entry workflows, worked across departments to expand ERP utilization, and presented technical and operational information to customers at plant visits and national expos.

LEADERSHIP EXPERIENCE

Football Coach | Standish-Sterling High School

2022 - Present

Standish, Michigan

- Develop training plans, mentor players, support game strategy, reinforce accountability and teamwork, and coordinate communication among coaches, players, and parents.
- Help create a positive team culture focused on personal growth, preparation, collaboration, and consistent performance.

ADDITIONAL MANAGEMENT EXPERIENCE

Supervisor, Grounds Maintenance | Pine River Golf Club

2014 - 2021

Standish, Michigan

- Directed daily maintenance activities, coordinated scheduling and logistics for outings and events, and supervised work needed to keep facilities and programs operating effectively.

EDUCATION

University of Michigan | B.S. Cognitive Science

2018 - 2022