

# ALAN PANGBORN

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**Material Analysis ♦ Sales Forecasting ♦ Scheduling & Planning ♦ Demand Planning ♦ MRP/ERP ♦ Supply Chain Management**

Material analysis and planning professional leveraging ERP/MRP data to facilitate production planning for manufacturing. Overachieving on inventory targets by analyzing plant capacities against total demand and production plans. Streamlining inventory management by creating automated Excel spreadsheets. Enhancing supply chain processes by fostering a continuous improvement-driven culture. Well-balanced academic credentials with APICS CPIM Part I certification and Six Sigma Green Belt.

Key Skills: Inventory Planning & Management, Demand Planning, Forecasting, Quality Control, Risk Management, SAP ERP, PowerBI, Catalytic, 2D AutoCAD, MS Word, MS PowerPoint, MS SharePoint, Visual Basic, Tableau, Cross-Functional Collaboration

## PROFESSIONAL EXPERIENCE

**Corporate Logistics Co-Op, Needful Things** 10/2018 – Present

Streamline material planning and scheduling by analyzing inventory targets, generating warehouse performance reports, and forecasting demand using SAP ERP for the North American logistics and operations planning department at this conglomerate. Develop and manage S&OP. Assist with the implementation of continuous improvement initiatives. Provide high-touch support to industry front-running OEMs, including Ford, BMW, Mercedes Benz, FCA, GM, Toyota, Honda, Polaris, and Daimler AG.

- Reduced blocked (damaged) stock data from \$27M to \$10M in the proprietary system by creating financial scraping reports.
- Improved planner accountability, subsequently enhancing work quality, by building user-friendly instructions aligned with updated internal quality standards; added visuals and developed swim lane charts; collaborated cross-functionally.
- Ensured uninterrupted enterprise resource planning by creating an Excel-based template as a temporary SAP alternative.
- Help the department maintain seamless warehouse operations by pinpointing and reporting inbound failures after running SAP reports in PowerBI; create lists of open points and track issue status with material planners in weekly meetings.
- Grade quality of supply as good or bad by analyzing quality check reports; return defective items for repair.
- Meet volatile customer demand by increasing the stock limit in SAP; proactively calculate days of inventory on hand.
- Help planners bring days in inventory down to target levels by leveraging the 8D problem-solving tool.

**Supply Chain Analyst, Nan Technologies** 07/2018 – 09/2018

Analyzed and monitored inventory levels, production capacity, and demand at this mining and industrial expert.

- Prevented storage cost, decrease in product quality, and slowdown in cash flow by pitching for transitioning the company from maintaining safety stocks to weekly and monthly inventory targets; created KPIs to track inventory.
- Optimized supply chain performance in the ERP system by assisting with testing and implementation of quantitative models.

**Intern – Internal Logistics, Gaunt Steel** 07/2017 – 12/2017

Directed daily scheduling for a team of 9 union workers to conduct cycle counts across 6 warehouses, catering to different product lines, at this multinational automotive corporation. Facilitated daily production planning meetings by providing SQDCM charts. Categorized inventory according to ABC classification standards. Resolved open tickets through process reengineering.

- Saved \$500K in inventory cost by rectifying a part dislocation issue in SAP through manual material placement in warehouses.
- Maintained 99% inventory accuracy and helped warehouses clear monthly audits through weekly cycle counting verification.
- Prevented ~\$2,000 in daily material damage by implementing Kaizen and 5S methods to optimize warehouse routing models for tuggers and drivers; conducted root cause analysis using Ishikawa charts. Relabeled small lot parts across warehouses.
- Saved \$440K/year in potential inventory cost and reduced line-side delivery errors on the engine assembly line by 85% by implementing average scrap rate for 65 small lot parts using DIBS data; helped assess actual on hand stock.

## EDUCATION

MS in Industrial Engineering, Castle Rock University 2018  
BS in Mechanical Engineering, Maine Institute of Technology 2016

**Challenge:** With only a year-long experience as a Corporate Logistics Co-Op, Alan was targeting managerial-level supply chain roles. This target seemed difficult to achieve with his previous resume. After conducting a 90-minute information-gathering session and looking over his resume, I realized he had done a lot more in that one year than what his resume offered.

**Action:** I reduced the resume length to a page to keep it to the point. This involved removing the unnecessary “Projects” section and incorporating those projects to their respective experiences. I beefed up his Co-Op experience with significant accomplishments that his previous resume skimmed over. I also converted his soft-skill driven summary section into one based on hard skills. Moreover, I added context to his accomplishments by mentioning the actions he undertook to achieve those results.

**Result:** Alan was very pleased with the resume and soon got the management position he was interested in. Here is his email to us:

On Wed, Nov 6, 2019 at 3:18 PM [REDACTED] wrote:

Hi Fatemah,

I just got a job offer today in [REDACTED] as a posting of Inventory Manager. Thanks for all the help.

*Thanks,*

[REDACTED]

## CONTACT

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## PROFESSIONAL SUMMARY

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Results-driven, detail-oriented, energetic, young motivated graduate with firm understanding of engineering principles as well as management strategies. Deep knowledge in supply chain and management fields. Quick to learn, master and impart new technical knowledge and computer skills. Confident working both independently and in teams ensuring effective communication and coordination.

## WORK EXPERIENCE

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Needful Things October 2018 —Present

Corporate Logistics Co-op

- Supporting the GS/LOP-NA business unit with planning activities and continuous improvement projects
- Creating financial scrapping reports for blocked stock (stock-block) worth of \$20 million
- Supporting planners to bring down their TCT's to target levels using 8D problem solving tool
- Process improvements in planning using data from platforms like SAP(POE &PA5), Sharepoint, Power-BI and Catalytic

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Nan Technologies

July 2018 — September 2018

Supply Chain Analyst

- Develop and maintain critical KPI's and standard supply chain operational, process and results measurements to track performance and drive improvements.
- Analyze and monitor supply chain inventory levels, production capacity and demand across the network.
- Assist in the testing and implementation of quantitative models to optimize supply chain performance in ERP.

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Gaunt Steel

July 2017 — December 2017

Internal Logistics Intern

- Assisted the auto-replenishment improvisation project in the engine assembly line with Nettie Cobb.
- Major role in cycle-counting 6 in-plant warehouses at an inventory accuracy of 99% under the guidance of Nettie Cobb.
- Data collection from SAP (ERP) for 2 months regarding a special task-force focused on fixing statusing issues worth over \$500,000
- Used Process re-engineering to identify and eliminate open tickets.
- Deep-diving problems, Data entry and analysis, Large sets of data, Numerical (Figurative) approach to work
- Cross-functioning with lean operations, third-party logistics, finance departments as well as UAW

## EDUCATION

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### M.S in Industrial Engineering

Aug 2016 — May 2018

Castle Rock University

CGPA - 3.69/4.00

- APICS CPIM Part 1 certification & Six Sigma Green Belt
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### B.S in Mechanical Engineering

July 2012 — May 2016

Maine Institute of Technology

CGPA - 3.5/4.0

## SKILLS

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- **Technical Skills-** APICS, Strategic Planning, Distribution, Forecasting, Inventory management, Delivery Scheduling, Routing, Network Design, Quality control, Cost Reduction, Risk Management, Process Re-engineering, Process Improvement, Research & Data Collection
- **Computer Skills -** SAP(ERP), Power-BI, Sharepoint, Catalytic, 2D AutoCad, Microsoft Office Suite, Outlook, Visual Basic for Applications, Tableau

## PROJECTS

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### 1. *Needful Things - Revamping Work- Instructions - January 2019 - Present*

- Leading this project to revamp existing work-instructions to current Neeful Quality standards
- Current and past state had sub-optimal quality standards and was an inefficient tool for the planning team
- Working on making work-instructions more user-friendly and easily accessible for Bosch planners
- Using swim-lane charts to determine the approval process for this project

### 2. *Alan Steel- Improvements in HDEP Small-lot Auto-Replenishment Plan - August - December 2017*

- Worked on this 6 month long project with supervisor Nettie Cobb under manager Polly Anderson
  - Implemented Kaizen & 5S to improve material flow by studying Ishikawa charts and doing root-cause analysis
  - Relabeled small lot warehouse, optimized routing models for tuggers and warehouse drivers
  - After successful completion of the project, it is estimated to save the company \$2,000 worth of materials on a daily basis
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### 3. *Alan Steel - Drawdown List (Scrap rate Implementation) - December 2017*

- Assisted supervisor Nettie Cobb in creating scrap rates for all small parts in engines line
  - Scrap rates for 65 parts were implemented based on data collection from DIBS software in the years 2016 & 2017
  - Eliminated 84% of lineside negatives on the engines assembly line and saved \$440,000 yearly from an inventory stand-point
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