

VED MOHAN

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PROFESSIONAL EXPERIENCE

Implementation Consultant, OM Partners

July 2021 | Now

Supply Chain Intern, Walmart eCommerce

May 2020 | August 2020

- Functioned as a Quality Assurance Manager for the Fulfillment Center at Chino, CA.
- Managed and developed a team of eight associates.

Project: Reducing facility damage adjustments.

- Shadowed inbound, outbound, and support operations to understand factors contributing to damages.
- Understanding was applied to create a model to identify high risk SKUs. Model was leveraged to create:
 1. **Receiving door risk tool** to address 10% of facility damages attributed to Inbound processes. Trained associates and managers to use tool to position experienced associates on high risk freight.
 2. **Cycling prioritization tool** to address 23% of failed Outbound inventory picking trips attributed to undiscovered facility damages. Tool was used to inform a new damage blitzing process.

Results: New implementations carried an estimated annual facility savings of \$75,000.

Operations Intern, Focus Brands

May 2019 | August 2019

Project: Increasing a Quick Service Restaurant's Learning Management System (LMS) usage and adoption.

- Identified corporate and franchise stakeholders to understand training and operations procedures.
- Created a new **repository structure** to address silos in training and understanding.
- Designed an **incentive program** for 360 Locations to address minimal awareness of LMS' tools offered.
- Incentive program features included: automated progress measurement and notification, balanced scoring across franchises of different sizes, and a modular structure.

PROJECT LEADERSHIP EXPERIENCE

Team Lead - Senior Design, NAPA Auto Parts

August 2020 | May 2021

- Capstone student project partnered with NAPA, an aftermarket automotive parts provider.
- Lead a team of seven students.
- Awarded **first place**.

Project: To improve the labor productivity of NAPA's newest distribution center (DC) in Nashville, TN.

- Solution strategies addressed the putaway, picking, and consolidation operations. The team delivered three tools that NAPA can easily integrate into their warehouse management system:
 1. **Dynamic store-to-putwall assignment:** Re-assigns putwall setup to reduce daily labor.
 2. **Fast pick zone:** Recommends top SKUs. Offers evaluation, customization, and comparison of designs.
 3. **Putaway:** Recommends SKUs to relocate to decrease putaway labor.

Results: A two-week pilot at the DC coupled with extensive backtesting of the proposed solutions demonstrated that NAPA can expect to improve productivity by more than 7%.

SKILLS

Software Python (NumPy, Pandas, Sklearn), SQL, R, CPLEX

Languages English and Hindi (Native); Spanish (Intermediate)

AWARDS AND CERTIFICATIONS

Awards Zell Miller Scholarship (Tuition), First Place (ISyE Senior Capstone Project)

Certifications Six Sigma Green Belt (ISO 13053)

EDUCATION

Georgia Institute of Technology, Industrial & Systems Engineering

2021

Graduated with highest honors. Graduate-level coursework in optimization and computational data analysis.