

Ruiming (Raymond) Zhang

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EDUCATION

Rutgers University, New Brunswick, NJ

Bachelor of Science in Industrial & Systems Engineering

May 2020

TECHNICAL SKILLS

Excel (PivotTable, VBA, VLOOKUP), JMP (Statistical Process Control), Minitab (Data Analysis, Linear Regression), Power BI/Tableau (Data Visualization), Python(NumPy, OpenCV, Pandas), SQL, ERP (SAP, Sage), WMS (High Jump)

Certification: Lean Six Sigma Certification Yellow Belt

WORK EXPERIENCE

Merola Sales Company

Manalapan, NJ

Product Data Specialist

Jun 2020 – Present

- Managed Master material data in ERP system and perform data extraction, manipulation and statistical analysis
- Responsible for vendor product development and using Regression Model to provide product data insights
- Conducted Pricing, Unit Cost, Sales Forecasting of 3000+ SKUs to support purchasing functions

Louis Vuitton North America, Inc

Piscataway, NJ

Logistics Intern

Feb 2020 – May.2020

- Create Ad-hoc Reports & Labor-force Studies for executive management at the Distribution Center (DC)
- Deploy Power BI to support the real-time data analytics for the Inventory management and forecasting
- System Design of tracking non-inventory items and built VBA program for discrepancy reduction

Promotion in Motion Companies, Inc

Somerset, NJ

Research and Development Intern

May 2019 – Aug.2019

- Develop Metrics & Key Performance Indicator (KPIs) for process validation in Manufacturing System
- Initiated Data Collection & Simulation Modeling to improve the workforce utilization rate by 15%
- Conduct Root Cause Analysis (RCA) of machine downtime and Quality Control Testing of sample

RESEARCH EXPERIENCE

Aresty Research Center for Undergraduates at Rutgers University

Piscataway, NJ

Research Assistant

Sep. 2019–Present

- Modeling of the Flexible Manufacturing System and formulating a multi-machine research topic
- Investigate the mix-integer programming methodology and genetic algorithm for the Production Scheduling

PROJECTS EXPERIENCE

Internet of Things (IoT) Embedded Hardware System with Control Automation

Mar. 2019 – Dec 2019

- Programmed C Language and Linux Language based on Arduino and Raspberry Pi platform for Automation
- Established Real-time communication between Server and Microcontroller for Inter-Process Communication
- Integrated Computer Vision System with statistical data analysis to monitor fruit ripeness progress
- Computer-Aided Design (CAD) and Corrective & Preventive Action (CAPA) for Quality Control

Simulation Modeling and Value Streaming at Costco Gasoline Station

Mar. 2019 – May 2019

- Performed time studies and data analysis of system turnover rates based on daily operations
- Established simulation modeling in Arena with queue system, inventory management, and cash flow estimation
- Designed optimization procedures and increased efficiency of queue system, profitability, and resource utilization

Lean Six Sigma Studies and Continuous Improvement of International Logistics

Sep.2017- Dec.2017

- Implemented Time Studies and Workforce Analysis to improve the efficiency of packaging rate by 60%
- Process Flow Mapping of packaging operation procedures and established cycle time estimation
- Implemented the lean concepts in Facility Layout Design to reduce inefficient workflows