**Rowdy Raider**

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https://www.linkedin.com/public-profile/in/rowdy-raider

**Education**

**Wright State University, Dayton, OH**

Master of Science in Industrial and Human Factors Engineering, May 2022

Bachelor of Science in Industrial and Systems Engineering, May 2020 GPA: 3.8/4.0

Minor: Supply Chain Management

**Certifications**

***Six Sigma Green Belt*, certified by IISE,** November 2018

**Skills**

* Process/Documentation Verification
* Six Sigma and Lean Process Improvement
* Data Analysis & Metrics
* KPI Management
* Product and Process Qualification
* AS9100 Documentations and Requirements
* Inventory/Warehouse Management
* Sorting, Inspection, and Auditing
* Microsoft Office: Word, Excel, Outlook. Powerpoint

**Relevant Work Experience**

**Industrial and Human Factors Engineer Co-op,** L3Harris Technologies, Mason, OH, August 2020 – December 2020

* Create Value Stream Mapping and other visual controls to improve process flows.
* Identify problematic areas and collaborating with cross-functional teams to implement mitigation/corrective actions in support of improving manufacturing methods and increasing production capacity.

**Supplier Quality and Development Intern,** Collins Aerospace, Troy, OH, May 2019 - May 2020

* Promoted supplier partnerships and maintained supplier performance to ensure quality and service.
* Assisted and conducted processes include escape, defects, scrap, rework, Root Cause Analysis & CAPA, MRB, First Article Inspection, 8D, and internal/external audits.
* Reviewed and processed technical documents such as specifications, drawings, inspection plans, Certificate of Conformance, purchase orders, NOE, ECN
* Utilized Six Sigma quality tools (PFMEA, MSA, Process Flow, Control Plans, SPC, Gage R&R, PPAP), Corrective Action, Root Cause Analysis, and work transfer Process.
* Collaborated with various Engineering functions, Supply Chain, Buyer, Receiving Inspection, and Warehouse to facilitate and drive quality improvement

**Research Assistant,** WSU Data Analytics and Optimization Laboratory, Dayton, OH, July 2017 - May 2018

* Collected and analyzed data using VBA, Tableau, Python, and R.

**Relevant Projects**

**Plant Layout Design for Success, Senior Design Team Project with Hartzell Air Movement,**Fall 2019 - Spring 2020

* Designed and simulated improved layouts to increase product flow through Hartzell’s facility.
* Proposed layout resulted in 20% travel distance reduction.
* Future anticipated savings of over $23,000 annually.

**Minimizing Pastry Spoilage Rate, Wright State Vending Services,**Fall 2019

* Used demand forecasting and inventory model to minimize the spoilage cost of pastries.
* Delivered an Excel interactive tool to view all pertinent data in one centralized location.

**Activities**

**Secretary + Event Coordinator,** WSU Industrial and Systems Engineering Club, Fall 2016 - Spring 2020

**Undergrad Representative**,WSU College of Engineering and Computer Science Committees**,** Fall 2019