Kerrion Fraser

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SKILLS / CERTIFICATIONS

Certifications: Lean Six Sigma Green Belt, Quality America (Active) | Secret Security Clearance (Active)

Supply Chain & Operations: Production Planning and Scheduling, Work-in-Process (WIP) Analysis, Manufacturing Operations, Capacity Analysis, Resource Utilization, Workflow Optimization, Process Mapping, Lean Manufacturing, Heijunka, Continuous Improvement, ERP / SAP

Technical Skills: SQL, Tableau, Power BI, DAX, Power Query, Microsoft Excel, Microsoft Visio, Salesforce CRM, GitHub, Python (AI-Assisted Automation)

Business & Leadership: Operational Reporting, KPI Development, Cross-Functional Coordination, Process Standardization, Root Cause Analysis, Stakeholder Management, Agile/Scrum, Workflow Automation

WORK EXPERIENCE

Deloitte Consulting LLP - Atlanta, GA

Delivery Management Engineer II - AI & Engineering June 2026 - Present

- Manage scheduling, workload prioritization, and exception resolution for approximately 250-499 federal client cases weekly, monitoring processing times and operational backlogs.
- Analyze operational data using SQL and Excel to identify workflow bottlenecks, track case-processing performance, and recommend improvements to scheduling and resource coordination.
- Developed AI-assisted reporting workflows using Claude, GitHub Copilot, Python, and Excel, reducing personal manual processing effort by an estimated 15-30 minutes daily.

Business Technology Solutions Analyst - AI & Engineering June 2024 – May 2026

- Analyzed 56+ documented stakeholder requirements and approximately 25 additional requirements across two Salesforce CRM releases supporting $400M+ in federal grant funding and 59 investments.
- Developed Salesforce dashboards and reporting capabilities to centralize operational information, improve data accessibility, and support performance monitoring.
- Coordinated cross-functional Agile delivery activities, requirements validation, and UAT across two releases; received a Deloitte Applause Award for leadership and client delivery.

GE Vernova - Schenectady, NY

Lean Leader - Schenectady Cores and Castings January 2024 - June 2024

- Led furnace scheduling optimization through Heijunka production leveling and visual management, supporting reported on-time delivery performance of 98-99%.
- Developed and deployed a Tableau work-in-process (WIP) dashboard, replacing manual reporting and improving inventory visibility for manufacturing operators and supervisors.
- Coordinated Lean manufacturing initiatives focused on workflow standardization, equipment availability, and production efficiency across cross-functional teams.

Volvo Group North America - Greensboro, NC

Quality Engineer Intern - NA Group Truck Operations QE January 2023 - December 2023

- Developed a Power BI resource-utilization dashboard using DAX and Power Query to monitor project personnel allocation and improve management visibility into resource distribution.
- Created Visio process maps of manufacturing inspection workflows and analyzed quality deviations to support process improvement and operational planning.

The Boeing Company - Everett, WA

Industrial Engineering Intern - 767 Tanker May 2023 - August 2023

- Conducted time studies and production workflow analysis to identify scheduling bottlenecks, resource constraints, and opportunities to reduce aircraft postproduction turnaround time by approximately 10%.

Industrial Engineering Intern - 777 Industrial Engineering Integration May 2022 - August 2022

- Developed SQL queries and Tableau dashboards to automate production planning and scheduling analysis, contributing to a measured 28.6% reduction in planning duration from seven to five days.
- Improved production reporting efficiency through automated planning workflows, saving approximately 40 total labor hours and earning Boeing's Most Innovative Project Award.

EDUCATION

The University of Arkansas - Fayetteville, AR

Master of Science in Engineering Management Expected July 2027

North Carolina A&T State University - Greensboro, NC

Bachelor of Science in Industrial and Systems Engineering December 2023