

Ryan L. Waltman, BSIE, CSSGB, CAPM®

Atlanta, GA

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EXPERIENCE

- Supply Chain Data Analyst – HD Supply, Cumberland, GA *June 2024 – Present*
- TBD.
- Undergraduate Research Assistant – Kennesaw State University, Marietta, GA *August 2022 – Present*
- Assisted in the development of lean principles and sustainability in Preventative Maintenance (PM).
 - Collected and analyzed quantitative and qualitative data.
- Senior Project – Data & Financial Analyst – Imerys, Marble Hill, GA *August 2023 – December 2023*
- Saved ~45,500/year in truck contracting costs, achieving a financial breakeven point of ~79 days (<3 months).
 - Improved a tube mill's throughput by ~38% and product quality by ~4.36%.
 - Contributed to a ~27% decrease in kilowatt usage per ton, leading to a ~24% reduction in CO2 emissions per ton.
- Engineering Consultant – Kennesaw State University, Marietta, GA *January 2023 – December 2023*
- Provided innovative solutions to improve efficiency and productivity for local manufacturing & service companies.
 - Conducted surveys to gather data from 500+ respondents, identifying and quantifying bottlenecks and inefficiencies within the organization.
- Supply Chain Data Analyst Intern – HD Supply, Atlanta, GA *May 2023 – August 2023*
- Designed an intra-network cost model to enhance the visibility and tracking of SKU costs.
 - Created and executed over 100 complex SQL queries in Snowflake to extract, transform, and analyze large-scale data sets, resulting in an improvement in data processing efficiency.
 - Generated over 30 informative data visualizations using Tableau, which led to an improvement in the clarity and effectiveness of communicating and addressing business problems.
- Supply Chain Co-op: Total Productive Maintenance – GE Appliances, Lafayette, GA *May 2022 – August 2022*
- Saved an estimated \$37,170.00/year in Preventative Maintenance (PM) labor costs.
 - Contributed to a 159% growth in work order discovery for the 800-Ton Press.
 - Achieved company record for rebuilding a GE Profile Wall Oven from scratch with a score of 29 points.
 - Achieved the Outstanding Co-op Presentation Award for having the best presentation during the summer 2022 rotation out of 20+ co-ops
- Licensed independent Insurance Adjuster – Claims Crew, Pilotcat, & Alacrity *August 2020 – August 2021*
- Conducted residential and farm property claim assessments for hundreds of properties using Xactimate 98 CAD software, and proficiently utilized industry-specific tools including FileTrac, XactAnalysis, State Farm's Electronic Claims System (ECS), and USAA's Claimatic.

EDUCATION

- Kennesaw State University, Kennesaw & Marietta, GA *August 2019 – May 2024*
- Bachelor of Science in Industrial & Systems Engineering (BSIE) – Minor in Business Management *GPA: 4.0 / 4.0*
- Honors: Student of the Year 2023, 1st Place Winner – Final Design Senior Design Expo, Zell Miller Scholarship recipient, President's List (Every Semester), IISE President, APM Industrial Engineering Honors Society Vice President, Six Sigma Green Belt, Research Publisher, Consultant

SKILLS

Hard/Technical Skills:

- AutoCAD
- Windchill
- Minitab
- Process Improvement
- MatLab
- SQL, R, & C++ Coding
- MS Visual Studio C++
- Forecasting Methods
- Snowflake/Power Query
- Network Optimization
- Value Stream Mapping
- Data & Statistical Analysis
- Tableau/Power BI
- IQMS/Proficy Smart Factory
- Microsoft Excel/Word/PowerPoint/Visio/Project
- Data Visualization & Cleaning

CERTIFICATIONS & LICENSES

- Certified Associate in Project Management (CAPM)® – Project Management Institute *March 2024*
- Demonstrates proficiency in essential project management principles and methodologies, enhancing career readiness and marketability.
- Six Sigma Green Belt Certification (CSSGB) – Kennesaw State University *December 2023*
- Certifies understanding of enhanced problem-solving skills, emphasizing the DMAIC model.
- Career Essentials in Data Analysis – Microsoft *June 2023*
- Equips the accredited with the skills to collect, clean, and analyze data to extract valuable insights and support informed decision-making.
- Certified SQL Developer – W3 *May 2023*
- Certifies knowledge in SQL query design and manipulation.
- Certified Vibration Analyst, Category 1 – Vibration Institute *August 2022*
- Demonstrates expertise in mechanical systems and advanced vibration analysis techniques.

HONORS & AWARDS

- Outstanding ISE Capstone Senior Design Project International Award Finalist – Institute of Industrial & Systems Engineers *May 2024*
- Recognizes one of the top 20 industrial engineering senior design projects in the world. First KSU group to compete internationally.
- Georgia Student Engineer of the Year Award – Georgia Society of Professional Engineers *January 2024*
- Recognizes the top engineering student in the state of Georgia, competing against peers from all universities.
- 1st Place, Final Design Senior Design Expo – Kennesaw State University *December 2023*
- Chosen out of 115 Senior Design projects & 575 Students.
 - Most Competitive Engineering Award at KSU & Most Competitive Semester in University's History.
- Student of the Year Award – Kennesaw State University *April 2023*
- Chosen out of 43,000+ students and 205 finalists – most competitive award at KSU & most competitive year in the university's history.
- Student Affairs Leadership Award Finalist – Kennesaw State University *April 2023*
- Recognizes recipients who best exemplify the university's emphasis on leadership development.

ORGANIZATIONS & CLUBS

- Alpha Pi Mu (APM) Industrial Engineering Honor Society – Vice President & Reservation Delegate *May 2022 – Present*
- For high-achieving industrial engineers – eligibility is based on juniors in the top 20% of industrial engineers at KSU.
 - Founding & charter member. First-elected vice president.
 - Organized meetings, speaker events, and initiation. Managed officers and delegated responsibilities.
- Institute of Industrial and Systems Engineers (IISE) – President & Community Service Officer *August 2019 – Present*
- Spoke at high schools, organized events, and managed officers pursuing industrial engineering.