

Zach Fleeman

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Education

Master of Science in Business Intelligence and Analytics (Data Science)

Helzberg School of Management
Rockhurst University
Beta Gamma Sigma Honor Student

Bachelor of Science in Industrial Engineering

University of Missouri - Columbia
IIE Chapter President
Graduated May 2011

University of Missouri - Kansas City

Object-Oriented
Programming with C++

Professional Experience

Honeywell FM&T

Senior Supervisor, Purchased Product Inspection

February 2016 - Present

- Strategic Data Analysis/Mining
 - Used extensive data analysis skills to develop visual aides for our team to meet next assembly demand.
 - Improved a factory bottleneck machine using SQL queried data from our MES system.
 - Developed a collection of R Markdown Websites for consistent reporting in our department with Plotly.
 - Cluster analysis of employees using the k-nearest neighbors classification algorithm and optimized work assignments within my department.
- Leadership
 - Managed a diverse team of 22 Inspectors by utilizing coaching techniques and achieved record-setting sales volume.
 - Coordinated and lead our department's morning strategy meeting with modern dashboarding tools.
- Lean Mindset
 - Used Lean Six Sigma certification to optimize factory procedures.
 - Interviewed, hired and onboarded dozens of new employees.
 - Strategized department flow by utilizing the 'pull' plan created by our MRP system and data visualization.

Engineer II, Industrial

June 2011 - January 2016

- Data Analysis
 - Developed new SQL queries within an ERP system to understand future hourly workload.
 - Lead a project to improve data validation and visualization of crucial plant metrics using Oracle and Tableau Business Intelligence software.
- Project Management
 - Managed a team across the Nuclear Security Enterprise and eliminated a redundant testing procedure.
 - Conducted multiple kaizen events to reduce takt time on an upper-level assembly by 50%.

Residential Life at the University of Missouri

August 2009 - May 2011

Peer Advisor

- Instructed classes of freshmen concerned with the fundamentals of engineering and entrepreneurship along with time management, diversity, and ethics.

Additional Skills

- Experience with SQL, R, Python, SAS, Tableau, Linux, Excel, LaTeX, HTML, CSS, JavaScript, AWS
- Six Sigma Green Belt certified
- Comfortable presenting in front of large audiences and senior leadership about complex technical subjects
- Maintains a personal server that directs traffic to custom-built web pages for multiple clients
- Enthusiastic about learning new ideals and championing change in a corporate environment
- YouTube Partner | Proficient in Audio/Video production