

Bach Le

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PROFESSIONAL SUMMARY

Junior Data Analyst with 1 year of experience in identifying trends and extracting insights to support data-driven decisions. Proficient in Excel, PowerPoint, and Python for data analysis, with strong problem-solving skills and meticulous attention to detail. Actively expanding expertise in SQL and Power BI. Experienced in collaborating with cross-functional teams and presenting findings to customers and internal teams weekly, contributing to continuous improvement initiatives.

SKILLS & CERTIFICATIONS

Skills: Data Analysis, Data Visualization (Power BI, Excel, PowerPoint), Python, SQL (learning), Data Cleaning, Critical Thinking, Problem Solving, Communication, Positivity, Dependability, Innovative.

Certifications: PTE 76 (IELTS 7.5), TOEIC 940, Microsoft Office (Excel, Word, PowerPoint)

WORK EXPERIENCE

Data Analyst - Manufacturing Failure Analysis Binh Duong, Vietnam
Sharp Global, SStec Co., Ltd Jun 2023 - Present

- Analyzed large datasets from manufacturing processes to identify trends, anomalies, and areas for improvement, resulting in a 15% increase in production efficiency.
- Conducted root cause analysis on product failures, utilizing SQL and Python for data extraction and analysis, which led to a 25% reduction in downtime.
- Automated data collection and reporting processes using Python scripts, significantly reducing manual effort and improving reporting accuracy.
- Presented weekly findings and recommendations to senior management and external customers, driving continuous improvement initiatives and optimizing resource allocation.
- Worked closely with cross-functional teams, including engineering, production, and maintenance, to identify and address data-related challenges and improve overall process efficiency.

Engineering Research Assistant Las Cruces, NM State, U.S.
Energy Harvesting Lab, NM State University Aug 2022 - Jan 2023

- Conducted extensive literature reviews on the current understanding of nonlinear dynamics and aeroelasticity, resulting in the identification of key research gaps and opportunities for future exploration.
- Designed and conducted experiments using state-of-the-art equipment to investigate the dynamic behavior of complex systems, resulting in a 15% increase in data accuracy compared to previous methods.
- Collaborated with team members from various departments to develop an innovative energy harvesting device that utilized principles of nonlinear dynamics, leading to a 20% improvement in energy generation efficiency.

Manufacturing Engineer Support El Paso, Texas, U.S.
C&H Tool & Die, Inc. Mar 2022 - Jul 2022

- Analyzed technical drawings and blueprints to identify the precise dimensions and tolerances required for mold & die production, resulting in a 20% reduction in errors during the manufacturing process.
- Operated heavy-duty machinery such as drilling machines, lathes, and grinders with precision to craft high-quality products for clients, achieving an efficiency increase of 30% in daily operations.
- Conducted thorough inspections using calipers, micrometers, and depth gauges to ensure final products met strict quality standards, resulting in a decrease in defective parts by 15% annually.

EDUCATION

NM State University Las Cruces, NM State, U.S.
Master of Science in Mechanical Engineering | GPA: 3.6/4 Graduation Date: Dec 2021

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Bachelor of Science in Mechanical Engineering | GPA: 3.6/4 Graduation Date: Dec 2019