Jerry Vaughan

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BUSINESS ANALYST | SUPPLY CHAIN ANALYST | DATA ANALYST

PROFESSIONAL SUMMARY

Innovative and versatile IT professional leveraging the power of data analytics to forecast and deliver impactful business solutions for clients. Strong business background in analytics, inventory management, supply chain analysis, and systems implementation. Employs quantitative methods and tools to identify opportunities for cost savings and operational efficiencies. Proven ability to deliver solutions to emerging challenges in agile environments. Strong desire to contribute to the next tech revolution.

SELECTED ACCOMPLISHMENTS

- Built Kmart store-level inventory model and optimized allocation strategy for largest Home Q4 seasonal program ($44Msales/$15M margin) which led to 96% plan performance (#2 BU rank).

- Significantly reduced Kmart's international product warehouse handling costs (3% of annual program budget) by coordinating needs with sourcing and warehousing teams. Worked with dozens of global vendors to improve efficiency of Bedding inventory management at 800-1300 stores nationwide and internationally.

- Recognized by Python instructors and peers for diligence and dedication to acquiring and applying new concepts for solutions to real life problems.

- Recognized by management for key contributions in quality improvements and the ability to juggle multiple projects within strict timelines at a high level of competency.

AREAS OF EXPERTISE

Project Management: Articulate and solve complex challenges specific to business requirements, ensuring project adherence with schedule, scope, and key project deliverables. Effectively lead projects, mitigate risk, and address escalated issues. Deliver workflow updates to stakeholders in a timely and efficient manner.

Strategic Approach: Analyze client BU model and priorities to understand needs, develop solutions, and document existing challenges with current processes and performance. Apply strategic frameworks and concepts to solve complex business problems, establishing and evolving the operating model across company teams while communicating proactively with internal and external stakeholders.

Technical Competencies: Languages: Python, SQL; Modelling: Machine Learning, Random Forests, Clustering, PCA, Neural Networks; Python Libraries: Scikit-learn, Pandas, NumPy, Matplotlib; Skills: NLP, Web Scraping, Data Visualization; Other Tools: Git, AWS EC2, MicroStrategy, Tableau; Exposure: Spark, Hadoop

EDUCATION AND PROFESSIONAL DEVELOPMENT

Data Science Immersive Program
General Assembly — Chicago, IL **2017**

- Capstone: Recurrent neural network implementation via Torch. Generated potential Twitter responses based on user input, classified based on similarity to target tweets, replied via API, running on AWS EC2 (@DeepDonald_).
- Built, evaluated, and operationalized data solutions using machine learning models and algorithms.
- Performed visual and statistical data analysis using Python and associated libraries and tools.
- Applied question, modeling, and validation problem-solving processes to datasets from various industries to provide insight into real-world problems.
- Used distributed systems and parallel computing technologies to identify and solve Big Data problems.

EDUCATION AND PROFESSIONAL DEVELOPMENT CONTINUED

Bachelor of Arts, Economics, Minor in Sociology
Indiana University, Bloomington, IN 2009–2013

EMPLOYMENT EXPERIENCE

Sears Holdings Corporation — Hoffman Estates, IL 2014–2017
Senior Inventory Analyst (2015–2017)
- Promoted to Senior Analyst based on excellence in job performance and high level of integrity.
- Interfaced with store operations, merchandising, inventory planning and other BU leaders to design and execute initiatives to increase efficiency and optimize cost savings for Kmart merchandise.
- Coordinated overseas shipping needs and purchasing, working with dozens of global vendors for inventory as well as domestically based partners.
- Spearheaded the opportunity for significant cost reduction by analyzing and developing new packing guidelines.
- Successfully created and maintained KPIs to track and improve in-stock percentages for 2 BUs at all Kmart stores; served as a liaison between IT department and Floor Analysts for roll out of JDA replenishment suite.
- Managed all aspects of the Supply Chain for two Kmart business departments (Basic Bedding and Sheets/Blankets) comprising $145M annual sales and peak active inventory of $40M.

Inventory Analyst (2014–2015)
- Collaborated with Merchandising, Transportation and Logistics departments to implement new solutions for improving inventory processes across two Kmart business departments.
- Fully automated all Monday morning reporting via Excel VBA programming.
- Managed all aspects of the supply chain for two Kmart business departments (Kitchen and Floor Coverings) comprising $65M annual sales and peak active inventory of $20M.

Amazon — Indianapolis, IN 2013
Fulfillment Specialist
- Provided warehouse services at the company's largest distribution center in the US.
- Recognized for consistently exceeding all key performance metrics (Picks/hr, Pick Accuracy) associated with quickly and accurately aggregating customer orders.

Ingersoll Rand/TRANE — Indianapolis, IN 2010
Business Analyst Intern
- Independently designed and built data and reporting systems to support and realize business objectives.
- Identified the need for and designed an Inventory Management System that included sales forecasts and drove a $200,000 obsolete inventory reduction and a $20,000 inventory overstatement correction.