**EDUCATION**

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| **The Ohio State University, Fisher College of Business** | **Columbus, OH** |
| Specialized Master’s, Business Analytics – 4.0 / 4.0 GPA | August 2019 |

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| **Indiana University, Kelley School of Business** | **Bloomington, IN** |
| Bachelor of Science in Business – 3.37 / 4.0 GPA | May 2015 |

* Majors: Operations, Marketing, International Business; Minor: Spanish

**SKILLS & TECHNOLOGIES**

* SQL, R Programming (dplyr, data.table, caret, ggplot2, etc.), Tableau, Power BI, AWS
* Data Mining, Data Visualization, Predictive Analytics, Segmentation, Agile Methodologies

**EXPERIENCE**

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| **Accenture** | **Chicago, IL** |
| ***Data Science Consultant - Beverage Manufacturer Client*** | July 2019 - Present |

* Clustered 1,300 stores using sales and product attributes to identify a representative 5-store sample of retailer outlets for web traffic analysis and optimization.
* Built Causal impact model in R to assess Ecommerce impact on total store sales. Found 3-6% increase in sales from enablement, leading to retailers activating more stores with Ecommerce.
* Mined search terms for 5 Ecommerce retailers and recommended top 100 keywords for retailers to track and optimize product content, resulting in an improved search rank for 25% of keywords.
* Developed Tableau dashboards to analyze Ecommerce sales, share growth for 10 global retailers.

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| **Abercrombie & Fitch - Supply Chain Leadership Development Program**  Three-year rotational leadership development program | | **New Albany, OH** |
| ***Data Science Analyst - Enterprise Business Solutions*** | July 2017 – June 2019 | |

* Built models of global direct to consumer shipments in R predicting packages shipped per order. Uncovered 15% shipping cost reduction, enabling Supply Chain to beat budget goals.
* Simulated in R 100+ fulfillment scenarios of Black Friday, Cyber Monday online orders to model stoppages in workflow; simulation predictions resulted in 98% on-time customer delivery.
* Generated driver tree root cause analysis for Ecommerce orders, giving leadership team insight into types of orders causing packages to ship efficiently from multiple fulfillment centers.

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| ***Associate Supply Chain Analyst - International Transportation*** | Aug 2016 – June 2017 |

* Developed analytical reporting and shipment tracking through on-demand reproducible Tableau dashboards resulting in 20% faster ocean transit speed to delivery year-over-year.
* Designed breakeven model with R to evaluate all inbound shipments to determine the fastest, most cost-efficient mode of shipment while still meeting required arrival dates.

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| ***Assistant Supply Chain Analyst - Distribution Center Coordination*** | Aug 2016 – June 2017 |

* Automated distribution center throughput analysis with Excel to identify required processing time to meet store delivery requirements. Resulted in 3 hours/week time savings.
* Prioritized inbound and outbound inventory workflow for Merchandising, Inventory Management, and global distribution centers across multiple brands and customer segments.

**WORK SAMPLES, PORTFOLIO**

* [Github](https://github.com/joshdmark), [Tableau Public](https://public.tableau.com/profile/josh.mark1510#!/)