ALLISON KAHN

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Philadelphia, PA

EDUCATION

University of Pennsylvania   **Philadelphia, PA**
Master of Science in Engineering in Data Science   **Dec. 2022**

University of Florida   **Gainesville, FL**
Bachelor of Science in Computer Science   **May 2019**
- **GPA**: 3.62
- **Activities and Leadership**: Data Science Institute (*Workshop Coordinator*); Epsilon Sigma Alpha Co-ed Service Fraternity (*Webmaster*); Utrecht, Netherlands Study Abroad Program
- **Honors and Awards:** Cum Laude, Dean's List, Snelling Scholar

EXPERIENCE

Accenture   **Charlotte, NC**
Data and Applied Intelligence Senior Analyst   **Nov. 2020 - Aug. 2021**
Data and Applied Intelligence Analyst   **Aug. 2019 – Nov. 2020**
Payor and Provider Healthcare:
- Developed metrics to track the implementation of initiatives and write SQL scripts to support dashboard and power executive-level decision making, tracking over $23M in actual savings
- Designed and ran ad-hoc analysis to address business needs while defining problem statements and communicating findings with non-technical counterparts

Supply Chain and Warehousing Logistics:
- Designed and created Power BI dashboard and ETL process to track and visualize KPIs in order to measure progress of implementation and conducted root cause analysis to explain unexpected results
- Led effort to create model to represent and quantify inefficiency using image processing and clustering algorithms in Python, individually identifying $5M in potential savings
- Achieved 373% of goal for proposed savings from identification of opportunities to increase workforce efficiency through data-driven consulting and infused analytics into client's processes

Verizon Wireless   **Basking Ridge, NJ**
Data Analyst Intern   **Jun. 2017 - Aug. 2017**
- Created a sentiment analysis tool and began analysis of the customer facing live chat service using a Naïve Bayes classifier and natural language processing libraries and techniques in Python
- Contributed to a topic mining program utilizing a tf-idf machine learning algorithm to determine key noun-phrases to summarize chats in Python in order to identify pain points and handle high-emotion topics

ADDITIONAL

RELEVANT COURSEWORK: Statistics for Data Science (MSE), Big Data Analytics (MSE), Forecasting Methods (MSE), Natural Language Processing (BS), Software Engineering (BS), Data Structures and Algorithms (BS)
CERTIFICATIONS: AWS Cloud Practitioner, Microsoft Specialist in Excel, Access
LANGUAGES: Python, SAS, SQL, R, HTML/CSS
TOOLS: Power BI, Pandas, SciKit Learn, Jupyter, Git
INTERESTS: Hiking, Reading, Cooking