

ALLISON KAHN

Philadelphia, PA
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EDUCATION

University of Pennsylvania <i>Master of Science in Engineering in Data Science</i>	Philadelphia, PA Dec 2022
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University of Florida <i>Bachelor of Science in Computer Science</i>	Gainesville, FL May 2019
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- **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 <i>Data and Applied Intelligence Senior Analyst</i> <i>Data and Applied Intelligence Analyst</i>	Charlotte, NC Nov. 2020 - Aug. 2021 Aug. 2019 - Nov. 2020
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Payor and Provider Healthcare:

- Designed and ran ad-hoc analysis, architected analytics solutions and communicated technical findings to senior, non-technical management, utilizing strong presentation and communication skills
- Develop 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

Supply Chain and Warehousing Logistics:

- Led effort to create model to represent and quantify inefficiency using image processing and clustering algorithms in Python, individually identifying \$5M in potential savings
- Designed and created dashboard in Power BI to track and visualize KPIs and performance of FTEs to measure progress of implementation, from ETL to data cleaning and deployment
- 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 <i>Data Analyst Intern</i>	Basking Ridge, NJ June 2017 - Aug. 2017
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- 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

SKILLS

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