

Kareem Williams

<https://www.linkedin.com/in/kareemkwilliams/>

Profile

Entrepreneurial and strategic Data Science leader with a proven record of leading teams to solve challenging problems with simple solutions. I deliver transformative strategies and products that focus on both short-term gains and lasting impact. I lead company-wide strategic initiatives as well as manage and deliver projects in multiple phases.

Professional Experience

People Strategy and Analytics Data Science Lead

Pinterest, Inc.

New York City 2021-Present

Responsible for designing and implementing scalable analytics to generate insights for senior leaders to make decisions. Areas of expertise include DEI, workforce analytics, talent acquisition, engagement and employee lifecycle.

- Leads a team of engineers and analysts to partner with internal business leaders to provide actionable insights on employee sentiment, employee experience, DEI analytics, organizational health, and workforce analytics.
- Overhauled previous analytics portal with a new analytics platform within the first 3 months of employment.
- Leads modeling and research efforts for scalable DEI solutions
- Manage cross-functional team of research scientists, economists, and data engineers

People Research Lead, People Science Research

Amazon

Atlanta, GA 2021

Responsible for building a mechanism to understand the differences of employee sentiment between employee subgroups and recommendations to resolve them

- Lead a cross-functional team of research scientists, economists, and data engineers to provide a scalable employee sentiment platform
- Designed and implemented employee sentiment survey design for full enterprise (1.4m+ employees)
- Developed strategic insights automation to inform senior leadership on gaps in employee experiences
- Advised internal stakeholders on employee intervention strategies with data on employee risks

Data Scientist , AWS AI/ML Professional Services Consulting

AWS

Portland, OR 2019 - 2021

Solved challenging ML/AI problems for medium to enterprise customers across a variety of use cases and industry verticals

- Design architecture leveraging AWS tools and services
- Develop extensible and reusable code to solve challenging problems
- Lead training and enablement workshops
- Develop and deliver ML/AI solutions for customers

Data Science Lead, Device Research & Strategy**Intel****Hillsboro, OR 2018-2019**

Responsible for designing and developing AI/ML strategy for Intel's Global Laptop Division Battery Optimization team

- Provide expertise to bridge the gap on AI/ML for customer requests with software/hardware engineering team
- Identify best fit for AI/ML in product roadmap and implementation strategy
- Manage PhD graduate researchers in multi-year research engagement for optimizing battery life.
- Develop statistical and machine learning models for software tools as well as product validation and testing
- Develop data science best practices and pipelines in disparate data environment
- Created and implemented custom device telemetry solutions

Data Scientist, AI/ML Product Strategy**SAS Institute****Cary, NC 2016-2018**

Deliver technical architecture and infrastructure expertise for Artificial Intelligence

- Provide product management for Deep Learning product development
- Act as the bridge between R&D, Product Management, and global presales
- Consult practical guidance for developing and deploying AI systems
- Contributed technical expertise to over \$15 million in software sales
- Leverage Deep Learning and Machine Learning to drive customer insight (Proof of concepts, implementations, RFPs)
- Develop statistical and machine learning models and then deploy into production for customers

Technical Intern, Educational Technologies**SAS Institute****Cary, NC 2015 - 2016**

- Built custom solutions and models for behavior analysis for internal strategy project
- Exploratory analysis, data munging, and hypothesis testing of multivariate data
- Machine Learning implementation to automate and reveal insight

Account Manager, ShareFile Sales**Citrix Systems****Raleigh, NC 2015**

- Hit 150% + of sales quota (over 8k in monthly recurring revenue)
- Managed 500+ accounts monthly

Analytics and Sales Operation Intern, ShareFile Analytics**Citrix Systems****Raleigh, NC 2014 - 2015**

- Manage data integrity, track sales metrics, and generate reports for executives
- Projects included, compensation modeling, CRM strategy, lead health monitoring, sales progress monitoring, and ad-hoc reporting.
- SQL automated reports and data cleansing
- Logistic regression project for classifying and predicting top sales performers

Skills and Tools

- AWS tools and services
- Python, SQL, SAS, R
- Product Management
- Machine Learning (Classification, Prediction, Clustering, Regression)
- Deep Learning
- Statistics, Optimization, Experimental Design, A/B Testing, Survival Analysis

Education

Southern Methodist University – Master of Science in Data Science

December 2016

North Carolina State University – Bachelor of Science in English

December 2014