

Alaisha Alexander

Atlanta, GA · alaishadalexander@gmail.com

AI & Data Enablement Leader with experience designing scalable training, knowledge systems, and AI-powered workflows across enterprise clients, national organizations, and education programs.

EXPERIENCE

Aimpoint Digital

Atlanta, GA

AI & Data Engineering Consultant

July 2022–Present

- Led design and implementation of data and AI solutions for enterprise clients across financial services, manufacturing, and restaurant industries, partnering closely with client leadership and cross-functional internal teams
- Designed and delivered training sessions, onboarding materials, and technical enablement resources for internal teams and clients across Snowflake and Google BigQuery environments
- Authored core internal documentation and playbooks for Aimpoint's native application creation, deployment, and governance framework, enabling repeatable delivery across teams
- Built and taught the usage of an AI-powered application within Snowflake to non-technical users, translating complex AI concepts into accessible workflows
- Developed internal blogs, tutorials, and notebooks on Snowflake AI and ML capabilities, shared company-wide to raise baseline technical fluency
- Created automated intake and architecture tools to standardize solution design decisions across over 120 criteria, improving consistency and delivery speed
- Led development of diagnostic tools that reduced Snowflake credit spend by ~80% across multiple enterprise clients
- Launched and led the Atlanta dbt Meetup, creating a knowledge-sharing community with speakers from Chick-fil-A, Home Depot, and PrizePicks

Inspirit AI

Palo Alto, CA

Instructor & Mentor

June 2023–Present

- Designed and delivered multi-week AI curricula covering machine learning, NLP, and applied AI to diverse student cohorts
- Translated advanced AI concepts into practical, approachable learning experiences for non-technical audiences

Stanford University

Stanford, CA

NSF Graduate Research Fellow

September 2018–December 2021

- Designed and optimized end-to-end perception-to-control systems for autonomous decision-making under uncertainty, balancing multiple predictive models and real-time constraints
- Developed and evaluated optimization and control frameworks (e.g., model predictive control, probabilistic cost functions) that reduced computational expense by ~50% while maintaining system performance
- Built and tested policy-based decision systems using reinforcement learning and Markov Decision Processes to improve adaptive behavior in dynamic, multi-agent environments
- Led development of multi-agent coordination frameworks, enabling synchronized decision-making across distributed systems

National Society of Black Engineers

Alexandria, VA

National Treasurer

May 2018–May 2021

National Treasurer Emeritus

May 2021–May 2022

- Owned financial strategy, governance, and operational oversight for a national nonprofit with an annual \$12–15M budget, spanning programs, conferences, staff operations, and long-term reserves
- Led audit, compliance, and financial reporting functions in partnership with staff subject-matter experts; ensured organizational compliance and fiscal health across multiple fiscal years
- Designed and executed policy and strategy changes that reversed multi-year operating deficits and stabilized long-term earnings
- Spearheaded development of a new auditing Standard Operating Procedure (SOP) to improve transparency, accountability, and repeatability
- Presented quarterly financial performance, forecasts, and strategic recommendations to the National Executive Board, senior nonprofit leadership, and major corporate sponsors
- Coordinated and influenced a cross-functional team of 10+ staff and volunteer leaders

EDUCATION

Stanford University

Stanford, CA

Master of Science in Mechanical Engineering

June 2020

Massachusetts Institute of Technology

Cambridge, MA

Bachelor of Science in Mechanical Engineering

June 2018

CERTIFICATIONS, SKILLS, & INTERESTS

Certifications: Snowflake SnowPro Core, Dataiku Core, Dataiku ML Practitioner, Dataiku Developer, Datatiku Advanced Designer, Snowflake Sales Professional Accreditation, Snowflake Technical Sales Professional Accreditation

Programming Languages: Python, C++, SQL, Julia, Java

Technologies: SolidWorks, MATLAB, Linux, TensorFlow, ROS

Interests: Data Architecture and Infrastructure, Optimization, Machine Learning, French, Math and AI tutoring