

Aishah Abdul-Hakeem

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Aspiring data engineer with 1 year of hands-on experience in Python, ETL pipelines, data modeling and automation systems. Passionate about streamlining internal operations and data-driven product development in fintech and enterprise tech.

EDUCATION

Morgan State University Baltimore, MD
M.S. Data Analytics and Visualization December 2027

Relevant coursework: Data Engineering, Project Management, Quantitative Analysis

Cornell University Ithaca, NY
B.S. Computer Science, Minor in Business May 2026

Relevant Coursework: Machine Learning, Artificial Intelligence, Deep Learning, Probability and Statistics

PROFESSIONAL EXPERIENCE

Graves School of Business Management, Morgan State University On-Site
Graduate Assistantship September 2026 – Present

- Automate time-intensive admissions processes and workflows to improve operational efficiency and streamline administrative tasks.
- Conduct exploratory data analysis on underutilized admissions datasets to uncover insights into student engagement patterns and identify activities associated with post-graduation outcomes.

Black Venture Capital Consortium (BVCC) Remote
Product Management Track September 2026 – Present

- Analyze Google Sheets to identify user pain points and opportunities for product improvements aligned with customer needs and business objectives.
- Develop a product strategy and requirements document proposing solutions, defining product requirements, and outlining strategic recommendations.

Find A Black Agent, LLC Remote
Technology & Data Fellow, FABA Fellowship Jun 2026 – Aug 2026

- Redesigned 310 city landing pages, replacing 1,800+ words of market text with scannable stat cards, tabbed analysis, and neighborhood highlights to improve readability and enable better tracking of user behavior across pages for analytics.
- Enhanced the search and filtering system by fixing inaccurate agent counts and implementing live filtering with reload-free pagination, resulting in a more intuitive user experience across the site.

Cornell Animal Health Diagnostic Center, QMPS Ithaca, NY
Data Science Intern Jun 2025 – Jun 2026

- Engineered 8 ETL pipelines using python (NumPy, Pandas, Streamlit) processing zipped farm visit data from 50 farms, reducing workflow time from 1 day to under 10 minutes.
- Replaced paper tally sheets with a digital data-entry app for 5 staff, eliminating 100% of manual entry errors and improving data quality and consistency at the point of data collection.
- Implemented an automated ETL pipeline using Python, n8n, Airtable, and AI APIs to process, categorize, translate, and store farm data, improving data quality and streamlining data ingestion.
- Architected and implemented an end-to-end data management system using Airtable, creating 7 interconnected tables to model participant records and module completion data for 100 participants across 22 training modules; integrated platforms to automate data integration, progress tracking, and reminders, improving data reliability and reducing manual administrative work.

SKILLS

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|---------------|--------------------|--------------------|--------------------|
| • Python | • Google Analytics | • GitHub | • Analytical |
| • SQL | • Data Quality | • Data Modeling & | Problem-Solving |
| • Data | • Tableau | Schema Design | • Cross-Functional |
| Pipelines/ETL | • Power BI | • Data Analysis | Collaboration |
| • Databricks | • R | • Data Integration | |
| • Excel | • Git | | |