Abdulbari Ahmed

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EDUCATION

University of Minnesota Twin – Cities   **Minneapolis, MN**
B.A.Sc in Information Technology Infrastructure - Data Science | GPA: 3.68   *December 2025*

- **Relevant Coursework:** Algorithms and Data Structures, Foundation of Networking, Statistics, Calculus II, Data Science I, Data Science II, Operating Systems, Web Infrastructure, Introduction to Systems
- **Clubs:** AWS Cloud Computing, Minorities in Tech (MIT), NSBE (National Society of Black Engineers)

TECHNICAL SKILLS

Programming Languages & Tools: Python, SQL, Java, C, HTML/CSS, PHP
Data Analysis & Visualization: Pandas, NumPy, SciPy, Scikit-Learn, Plotly, Matplotlib, Seaborn, Tableau, Power BI
Data Processing & Platforms: Dataiku, Snowflake, Streamlit, Excel, Jupyter Notebook, MySQL
Development & Cloud Platforms: GitHub/Git, Visual Studio Code, IntelliJ, AWS (S3, EC2), Azure DevOps

WORK EXPERIENCE

CHS Inc.   **Inver Grove Heights, MN**
Data Analytics Intern   *May 2024 - August 2024*

- Contributed to the documentation of voice infrastructure processes, ensuring accurate IP address verification and developing scripts for data extraction(ETL)
- Created dashboards to analyze and present data findings, enhancing data collection efficiency and optimization
- Set the foundation for improved documentation practices now utilized by the team

Samaha Center   **Shakopee, MN**
Data Engineering Intern   *December 2023 - April 2024*

- Designed and implemented an automated ETL process for student data input, transitioning from manual Excel entries to a streamlined workflow using Python and pandas
- Enhanced data integrity and reporting capabilities by cleaning and standardizing large datasets, leading to improved decision-making processes
- Documented end-to-end data workflows to ensure scalability and clarity for future engineering projects

PROJECTS

Supply Chain Modeling and Optimization (Dataiku, Python, Streamlit)   **Intern Project (CHS Inc.)**

- Contributed to the documentation of voice infrastructure processes, ensuring accurate IP address verification, and developing scripts for data extraction
- Created dashboards to analyze and present data findings, enhancing data collection efficiency and optimization
- Demonstrated the potential of our model to optimize supply chain processes and improve operational efficiency

Money Maker (Python, Scikit-Learn)   **Personal Project**

- Built and evaluated machine learning models, including Ridge Regression and XGBoost, to predict social media post engagement, achieving an RMSE of 14.08 with Ridge Regression
- Performed exploratory data analysis and hypothesis testing, uncovering significant relationships between posting hour, platform, and engagement metrics to inform content optimization strategies
- Engineered key features such as posting time, platform type, and interaction metrics to identify trends and improve the model's ability to predict likes

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

MLT – Management Leadership for Tomorrow   **Washington, DC**
Career Prep Fellow   *January 2024 - Present*

- Accepted into a selective 18-month professional development program for high-achieving diverse talent
- Complete business case studies and assignments to grow leadership and technical skills
- Attend conferences hosted by industry leaders, such as Capital One, Dell, and Accenture

INTERESTS

Reading, biking, nature exploration, hiking, traveling, playing/watching sports, technology exploration, learning languages