Aminah Harp

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Portfolio: https://aminahharp.github.io/

EDUCATION

BS in Statistics and Data Science (May 2026)
MS in Data Science (May 2026)
Robert Morris University, Moon Township, PA
GPA: 3.96, 4+1 Program

High School Diploma 2021
Neshannock High School, New Castle, PA
GPA: 101.64, SAT: 1530, Valedictorian

EXPERIENCE

Data Scientist Intern May-Aug 2025
Komatsu – Warrendale, PA
- Converted a local R-based continuous miner alarm report to Python and deployed it in Databricks, automating Snowflake data retrieval and API-based email distribution to ensure uninterrupted reporting
- Conducted cluster analysis on continuous miner alarm data to identify patterns across machines and mine sites, providing insights to improve operational efficiency
- Generated Salesforce case reports to analyze issue trends, resolution times, and team performance, supplementing findings with AI tool evaluations and ad hoc SQL reports

Procurement Analyst Intern May-Aug 2024
Howmet Aerospace - Pittsburgh, PA
- Developed PowerBI dashboard to analyze raw material spend, enabling identification of potential areas for reducing procurement expenses
- Collaborated with IT to utilize Excel for data cleaning, analysis, and automation of reporting processes
- Presented analytical insights to HFS Procurement heads, contributing to cost-saving initiatives

SKILLS & RELEVANT COURSEWORK

Programming Languages: R, Python, SQL
Machine Learning/Data Analysis in R: caret, randomForest, ggplot2, dplyr, tidyr ; **in Python**: pandas, NumPy, XGBoost, scikit-learn, matplotlib, seaborn
Data Visualization: PowerBI, Tableau, Grafana
Data Platforms & Tools: Snowflake, Salesforce, Databricks, Azure DevOps, Postman, Excel, PostgreSQL
Coursework: Data Analysis with R, Regression Analysis, Predictive Analytics, Time Series Analysis, Data Mining Applications, Database Management, Applied Machine Learning, Data Visualization, Advanced Python for Data Analysis, C++ Programming, Data Integration for Analytics, Statistics for Data Science

HONORS

Next Century Scholarship
Full tuition scholarship funded by Netflix founder Reed Hastings

RMU Dean's List
Fall 2021 – Present