

## Aminah Harp

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

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### EDUCATION

**BS in Statistics and Data Science**

May 2025

**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