# Salma Miller

American | Female | 23 years old

*Target MSc: Business Analytics / Operations Management*
*EDUCATION BSc in Statistics and Data Science University of Michigan, Ann Arbor 2020 - 2024*
*Core coursework: Probability Theory, Applied Regression, Database Management, and Machine Learning.*
*Capstone Project: Developed a predictive model for local retail demand using Python and historical weather data.*
*Member of the Michigan Data Science Team (MDST).*

## PROFESSIONAL EXPERIENCE

Data Analyst Intern - Amazon (Operations), Seattle May 2024 - August 2024
Developed SQL queries to extract and clean large-scale shipment data from AWS Redshift.
Built an automated Tableau dashboard to track delivery lead times across the Pacific Northwest region.
Identified bottlenecks in the "Last Mile" delivery process, leading to a proposed routing optimization that saved 4% in fuel costs.
Presented weekly performance metrics to the Operations Director.
Supply Chain Intern - Ford Motor Company, Dearborn June 2023 - August 2023
Supported the procurement team in managing relationships with Tier-1 suppliers during global chip shortages.
Performed risk assessments on the supply chain, identifying high-risk nodes using historical lead-time variance.
Automated the inventory tracking system using Python, replacing manual Excel spreadsheets and reducing errors by 20%.

## SKILLS

Technical: Python (Pandas, NumPy, Scikit-learn), R, SQL, Tableau, Power BI, Git.
Analytical: Predictive modeling, Optimization, Statistical hypothesis testing.

## LANGUAGES

English (Native), Spanish (Intermediate).
PERSONAL INTERESTS Chess (National ranking), Backpacking (completed the Appalachian Trail), Jazz Piano.