**MARIA SHIFERAW**

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**Education**

Master of Science in Data Science (Expected graduation May 2024)

Minnesota State University, Mankato, MN

Bachelor of Arts in Computer Science and Mathematics (Graduated May 2022)

Meredith College, Raleigh, NC

**Experience**

**Graduate Tutoring Assistant (August 2022 – Present)**

**Mathematics/Study Skills, MSU**

* Provide support to students with varying abilities in calculus and trigonometry.
* Assist students in developing study strategies, communication skills, and positive behaviors.
* Enable students to master problem-solving skills, comprehend concepts, and build confidence.

**Researcher (August 2022 – December 2022)**

**Minnesota State University, Mankato**

* Conducted research on activation functions in neural networks and their use.
* Analyzed, reviewed, and processed relevant resources for the research.
* Formulated research questions to help people better understand activation functions.

**Website Design (January 2022 – June 2022)**

**NSTEM**

**•** Troubleshoot issues and served as the front line for tech support issues.

• Created helpful learning materials like tutorials and documentation.

• Demonstrated problem-solving skills, and critical thinking, and stayed up to date with new technologies.

**Skills and Abilities**

* **Programming Skills**: Java, HTML5, CSS, JavaScript, jQuery, PHP, SQL, R, C/C++, Python, Assembly Language, Pandas, Seaborn, NumPy, Machine Learning
* **Other Computer Skills:** Microsoft Office, Access, Adobe Creative Cloud, Algorithms, Data Structure, software engineering, networking, and operating systems, Power BI
* **Mathematical Skills**: Linear Algebra, Linear Regression, Statistics, Discrete Mathematics, Differential Equation, Calculus, Statistics
* **Soft Skills:** Team Player, Leadership, Problem Solver, Time Management, Detail Oriented, Communication, Presentation, Adaptable, Project Management, Punctuality,

**Achievements**

* Pi Mu Epsilon Honors Society April 2022 – present
* Third in the Varsity Triangle Mathematics Competition - 2019

**Links**

* GitHub: <https://github.com/mariashiferaw/Projects>
* LinkedIn: <https://www.linkedin.com/in/maria-shiferaw-510999169/>