

## AARAMBH SHRESTHA

Mankato, MN | shresthaarambh03@gmail.com | (952) 465-9530 | linkedin.com/in/aarambh-shrestha

### EDUCATION

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#### Minnesota State University, Mankato

Master of Science in Data Science |

Mankato, MN

Expected Graduation 2027

#### Minnesota State University, Mankato

Bachelor of Science in Computer Information Technology | Minor: Accounting | Army ROTC | Dean's List 7x |

Mankato, MN

December 2024

Scholarship: MinneAnalytics Scholarship | International Maverick Scholarship |

Coursework: Database Management Systems | Data Science | Data Analytics | Accounting Analytic | Financial Accounting | Managerial Accounting |

### WORK EXPERIENCE

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#### Junior Test Engineer

Blue Ribbon Bags

March 2025 – December 2025

New York, NY

- **Established standardized QA frameworks and reporting protocols** to raise test coverage, ensure documentation accuracy, and enforce process consistency. Authored reports detailing objectives, execution, and outcomes, which improved transparency and accelerated team alignment.
- **Engineered and executed validation suites for client-facing microsities** to guarantee system performance, data integrity, and operational reliability. Designed modular test cases, reduced duplication, and scaled efficiency by implementing optimized parallel execution strategies.
- **Refactored and modernized API documentation** by migrating legacy records into precise, up-to-date OpenAPI specifications. Improved reliability by validating endpoints, correcting inconsistencies, and uncovering vulnerabilities in security, data handling, and logic.

#### Data Analyst Intern

Blue Ribbon Bags

May 2024 – August 2024

New York, NY

- **Engineered a process flow model of company-wide operations** by integrating workflows and data streams across multiple departments. Mapped dependencies to detect bottlenecks, inefficiencies, and scalability constraints in both system logic and human-driven processes.
- **Developed a data-driven analytics framework for client websites** by analyzing attention-mapping data and user behavior. Delivered targeted UI/UX recommendations and mockups for 10+ clients, improving product visibility, engagement, and conversion rates.
- **Improved financial data processing pipelines** by reconciling large datasets, cleaning redundancies, and standardizing reporting outputs. Enhanced accounting workflows with tailored reporting solutions that increased accuracy and efficiency in financial analysis.

#### Software Analyst Intern

Aqore

May 2023 – August 2023

Dallas, TX

- **Documented and analyzed technical requirements** for potential LinkedIn API integration, including system architecture dependencies, cost modeling, and implementation timelines through feasibility assessments and workflow mapping.
- **Evaluated automation opportunities** with Zapier by mapping business workflows, defining integration use cases, and assessing technical feasibility through requirement analysis and resource planning.

### LEADERSHIP & ACHIEVEMENT

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#### MUDAC 2024 – 1st Place, Prediction Category

Midwest Undergraduate Data Analytics Competition

April 2024

Mankato, MN

- Achieved 1st place in the Prediction category across undergraduate and graduate teams for developing the most accurate location models.
- Competed in an intensive 24-hour challenge, enhancing predictive accuracy by incorporating environmental and geographical factors, while also strengthening understanding of a wide array of industry applications through advanced modeling in a cross-functional team.

#### Treasurer

Data Resources for Eager & Analytical Minds, (DREAM)

April 2023 - April 2024

Mankato, MN

- Directed financial planning and resource allocation to fund industry talks, technical trainings, and major data science competitions, expanding student engagement and strengthening the organization's impact across campus.

#### Treasurer

Nepali Student Community

August 2020 - June 2021

Mankato, MN

- Secured and managed fundraising revenue that doubled operating funds, enabling broader community programming and supporting diverse cultural initiatives on campus.

### SKILLS & CERTIFICATIONS

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**Technical:** Python | Java | C# | MySQL | SQL Server (T-SQL) | Oracle (PL/SQL) | AutoCAD | Power BI | JIRA | Agile | Postman | Figma | Excel |

**Certifications:** Google Analytics | Red Cross First Aid & CPR | PADI Open Water Diver | PADI Enriched Air Diver |