Alisa Teige

ateige@mtu.edu • LinkedIn • (906) 442-2327

Second-year Data Science major student. Seeking a volunteering research assistant position, scholarship, unpaid internship, or sponsorship.

EDUCATION

- **Michigan Technological University,** Houghton, Michigan
  BS, Major - Data Science, Minor -Statistics   expected Spring 2027

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, R, SAS, MATLAB
- **Libraries & Frameworks:** Pandas, NumPy, Scikit-learn, Regular Expression, Matplotlib, GitHub
- **Operating Systems:** Linux (Ubuntu, WSL), Windows
- **Tools & Platforms:** Bash, Jupyter Notebook, Tableau
- **Image Processing:** DICOM, NIfTI, FreeSurfer (conversion & analysis)
- **Soft Skills:** Problem-Solving, Analytical Thinking, Team Collaboration

WORK, VOLUNTEER, AND INTERNSHIP EXPERIENCE

Treasurer, Machine Learning Club

- Managed the club's budget, ensuring efficient allocation of resources for events and activities.
- Coordinated fundraising efforts and tracked financial transactions.
- Collaborated with club members to plan and execute workshops, competitions, and other club events.

March 2025 – Present

Volunteer Research Assistant.

- Gathered and analyzed datasets.
- Performed preprocessing tasks, including handling missing values and standardizing formats.
- Worked with Python (Pandas, NumPy) for data processing.
- Converted medical images (DICOM, NIfTI) for further analysis using FreeSurfer and Python.

October 2024 – December 2024

Hackathon and Robotics Competition Judge & Organizer

- Judged a Scratch programming hackathon for elementary and middle school students.
- Oversaw task execution and objectively evaluated final projects.
- Resolved conflicts that arose during the competition.
- Organized and judged robotics competitions for elementary school students.
- Managed participant coordination in an online format.
- Supervised offline task completion and calculated results to determine winners.

November 2020 – March 2021

PROJECTS

Threat Intelligence Trends Project, IT-Oxygen Enterprise

The project focuses on developing a centralized platform for collecting, analyzing, and presenting threat intelligence trends. It aims to standardize data from various sources, making threat information more accessible and actionable for organizations.

- Contributed to designing the structure of a website for reading and analyzing cybersecurity reports, ensuring a user-friendly interface for easy consumption of threat data.
- Aggregated and standardized data from various cybersecurity reports to simplify analysis and support decision-making.
- Analyzed database systems and created visualizations to present trends in cybersecurity threats over time.
- Explored integrations with existing cybersecurity frameworks and tools to enhance website functionality

January 2025 – April 2025

INTERESTS AND HOBBIES

Active member of the Cross Country and Track & Field team, demonstrating a commitment to teamwork and endurance. Passionate about photography, capturing moments, and exploring creative perspectives.