Nicole Miller

507-429-6683 | nicolemiller0803@gmail.com

Education
University of Wisconsin - Madison | Expected Graduation: May 2025
Bachelors of Science, Computer Sciences, Double Major, Data Science
Minor in Mathematics and Science Communication
GPA: 3.976
Dean's List, 4/4 Semesters
Relevant Coursework: Data Structures, Algorithms, Machine Organization, UI, Web Design, Machine Learning

Programming Experiences
Gundersen Health Systems - Onalaska WI   May 2023 - November 2023
Software Engineering Intern
- Developed a Java application serving as an internal marketplace for company employees, facilitating seamless exchange of goods and services within the organization, resulting in improved collaboration and resource utilization
- Deployed multiple Java webapps to efficiently retrieve and present data from a database in a user-friendly manner

RTP Company - Winona MN   June 2022 - May 2023
IT Intern
- Supported and streamlined the implementation of a new ERP system, Microsoft Dynamics AX
- Interfaced with QA personnel to create and standardize release specifications for families of products using statistical techniques such as t-test and standard deviation

Google Inc - Remote   Summer 2021
Computer Science Summer Institute
- Completed a project-based JavaScript, HTML, CSS processing curriculum taught by Google engineers
- Collaborated on the final project, delivering a final project to Google employees and community leaders

Leadership Experiences
University of Wisconsin Madison - Madison WI   May 2023 - Present
Fencing Club Treasurer
- Coordinated the club's financial operations, overseeing budgeting, financial planning, and expense management, resulting in a consistently balanced budget
- Mentored and Enhanced Skill Development of New Members

Winona Senior High - Winona MN   September 2017 - September 2021
IT Internship President
- Resolved staff and student technology issues, including troubleshooting and repair of Smartboards and Chromebooks, ensuring uninterrupted learning environments
- Conceptualized, produced, and directed engaging videos for school and community initiatives, including an impactful anti-vaping ad featured in the local movie theater
- Demonstrated strong organizational skills by successfully coordinating and overseeing projects such as live streams and weekly news broadcasts, contributing to a dynamic learning environment

Research Experiences
MXM Lab - Madison WI   September 2022 - May 2023
Mathematics Research Assistant
- Discovered and formulated mathematical conjectures based on experimental findings related to linear compartmental models
- Produced multiple research papers to be presented to members of the mathematics department

Skills
- Programing languages: Java, Python, HTML, CSS, Javascript, R, C, SQL
- React, React Native, Full Stack Development, GIT, Excel, Word, Latex, Video Editing, Live Streaming, Spring Data JDBC, LINUX, Oracle Database

Awards
- NCWIT Aspirations in Computing Award - State Winner (2021), State Honorable Mention (2020), Rising Star (2019)