

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: 3.983

Dean's List, 6/6 Semesters

Relevant Coursework: Data Structures, Algorithms, Machine Organization, UI, Web Design, Machine Learning, Database Systems, Software Engineering Fundamentals

Experiences

Wells Fargo - Minneapolis MN

June 2024 - August 2024

Software Engineering Intern

- Developed micro front ends for instant payment services using React and Redux, enhancing user experience.
- Utilized React Testing Library to rigorously test and improve code coverage for micro front end applications, ensuring higher reliability and performance.
- Verified and ensured proper logging of REST API calls within a Spring Boot application, maintaining accuracy and consistency in performance and error tracking logs.

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

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

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

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

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

Winona Senior High - Winona MN

September 2017 - September 2021

IT Internship President

- Resolved technology issues to ensure uninterrupted learning environments.
- Coordinated and oversaw projects such as live streams and weekly news broadcasts, contributing to a dynamic learning environment

Skills

- Programming languages: Java, Javascript, React, React Native, HTML, CSS, Python, R, C, SQL
- Full Stack Development, GIT, Latex, Spring Boot, LINUX, Oracle Database, React Testing Library

Awards

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