

CHARLES WILSON

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EDUCATION

University of Wisconsin-Whitewater
Master of Science, Computer Science

Whitewater, WI
Jan 2024 - Current

Hamline University
Computer Science/Data Science B.S. GPA: 3.85
Magna Cum Laude

St. Paul, MN
Jan 2021 – Aug 2024

TECHNOLOGY EXPERIENCE

Ameriprise Financial
Technology Intern

Minneapolis, MN
May 2023 – Aug 2023

- Created a front-end application for a 2-year project with React.JS and connected it to Amazon Web Services (AWS)
- Collaborated with cross-functional teams to identify and implement additional features, resulting in a 20% increase in overall functionality of the application.
- Presented final project to 50+ software engineers, executives, and the CIO

Hamline University
Programming Tutor

St. Paul, MN
Aug 2023 – Dec 2023

- Developed and delivered comprehensive programming curriculum to a diverse group of students

PROJECTS

Hamline University
Pathfinding Visualizer

St. Paul, MN
Jan 2021 - Jan 2021

- Implemented a pathfinder with Dijkstra's Algorithm using React.JS
- Implemented a feature allowing users to add obstacles that the visualizer can navigate around to find and display the shortest path from the start to the end node

Macalester University
Web Guessing Game

St. Paul, MN
Aug 2022 - Dec 2022

- Collaborated with a team of three to develop a web application that presents campus images for users to identify specific locations
- Lead project manager Implemented the Agile method and 2-week sprints for timely deadlines

LEADERSHIP EXPERIENCE & AWARDS

Hamline University
Captain of the Football Team (voted by teammates)

- First-Team Academic All-American by the CSC (2023); First-Team MIAC All-Conference (2022 and 2023)
- Led offseason workouts and book club

SKILLS

- | | | | |
|----------|--------------|----------|------------|
| • Java | • JavaScript | • Vue.JS | • Git |
| • Python | • React.JS | • C | • HTML/CSS |