

LEO KIRCHNER

kirchnera2707@my.uwstout.edu

leokirchner.com

kirchnerleo (GitHub)

EDUCATION

University of Wisconsin – Stout (Fall 2022 – Fall 2024)

3.6 GPA, Bachelor of Science, Computer Science

Interdisciplinary Concentration, Mathematics Minor

Fall 2022 and Spring 2023 Dean's List

Normandale Community College (Fall 2019 – Spring 2022)

Computer Science Transfer Pathway

PROJECTS

SOFTWARE ENGINEERING PRACTICUM (FALL 2024)

- Lead a semester long project for the second part of the Computer Science capstone. Developed proficiency in Agile techniques while working on a website designed to assist backpackers in trip planning.
- As team lead, built leadership skills by pursuing the spirit of an Agile and democratic team; encouraged team decision making, deferred to team member's expertise, and supported team morale and learning.
- Used this project to continue to hone technical capabilities in JavaScript, C#, and .NET in addition to Visual Studio Code, Visual Studio, and GitHub.

SOFTWARE ENGINEERING PRACTICUM (SPRING 2024)

- Utilized techniques learned in Software Engineering Principles course such as Agile and Scrum, worked on a semester long team project for the first part of the Computer Science capstone to create a website to create and edit maps of solar systems.
- Used this opportunity to develop C# skills as well as continuing to develop proficiency GitHub for source code management and using Vue with Typescript and Prime Vue in Visual Studio Code for front-end development.
- Developed the skill set of leading by example as necessary to accomplish the project goals; especially with respect to group cohesion, cooperation, and morale.

PROFESSIONAL WEBSITE

- As a final project for Web and Internet Programming, designed and created a professional website using HTML, CSS, JavaScript, and PHP, which is still in use and noted at the top of this document.
- Began work in summer 2024 to revitalize website using Prime Vue and Vue.js, current progress of which is available on GitHub.

WORK EXPERIENCE

ASSISTANT TEACHER – TECH ACADEMY OF MINNESOTA, MINNESOTA, SUMMER 2024

- Supported teachers by working “behind the scenes” to keep the class running smoothly, such as technical troubleshooting, working with individual students, and providing extra supervision.
- Worked with students one on one who were struggling with material and explained complex technical problems in simple language for young students to understand.
- Actively provided a positive learning environment by encouraging student creativity, supporting students' confidence as they worked through problems, and starting every day with an enthusiastic and positive attitude.

BUILDING SUPERVISOR – INDEPENDENT SCHOOL DISTRICT 196, MINNESOTA, FALL 2019 – SUMMER 2022

- Provided school building security during Community Education activities by directing participants and instructors to their assigned classrooms, areas, and building resources while monitoring the building for potential concerns.
- Assisted instructors in setup and tear down and ensured that they had everything they needed to make their class or activity run smoothly.
- Developed positive relationships with other building staff such as teachers, custodians, and administration and ensured that their classrooms and workspaces were respected by activity participants and ready for the next school day.

TECHNICAL SKILLS

PROGRAMS AND TOOLS

Visual Studio, Visual Studio Code,
GitHub, Notepad++, MySQL Workbench

LANGUAGES AND FRAMEWORKS OPERATING SYSTEMS

C/C++, Python, HTML, CSS, JavaScript, Windows, Linux
Prime Vue, Vue.js, C#, .NET, SQL, PHP,
Java