

LEO KIRCHNER

kirchnera2707@my.uwstout.edu

kirchnerleo (GitHub)

leokirchner.com

Eager and highly motivated new graduate with 5 years of programming experience and strong work ethic and teamwork skills looking for entry level work in software development and/or information technology

EDUCATION

University of Wisconsin – Stout, Menomonie, WI

Bachelor of Science Degree in Computer Science, Interdisciplinary Concentration, Mathematics Minor (December 2024)

3.6 GPA, 3 Time Dean's List recipient

PROJECTS

Backpacker's Toolbox, Software Engineering Practicum at University of Wisconsin – Stout (September - December 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.
- Built leadership skills as team lead 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.

Spacebox, Software Engineering Practicum at University of Wisconsin – Stout (February - May 2024)

- Utilized techniques learned in Software Engineering Principles course such as Agile and Scrum, worked on a project for the first part of the Computer Science capstone to create a website to design and edit maps of solar systems.
- Used this opportunity to develop C# skills as well as continuing to develop proficiency in 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, Personal Project (Ongoing)

- Designed and created a professional website using HTML, CSS, JavaScript, and PHP.
- 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, June - August 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.
- 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, October 2019 - August 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

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

Operating Systems

Windows, Linux (Ubuntu)