

# LEO KIRCHNER

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kirchnerleo (GitHub)

**OBJECTIVE: TO OBTAIN A CO-OP OR INTERNSHIP POSITION IN SOFTWARE DEVELOPMENT OR A RELATED FIELD FOR THE SUMMER OF 2024.**

## EDUCATION

### CURRENT

University of Wisconsin – Stout (Fall 2022 – Fall 2024)  
Bachelor of Science, Computer Science  
Interdisciplinary Concentration  
Fall 2022 and Spring 2023 Dean's List

### PREVIOUS

Normandale Community College (Fall 2019 – Spring 2022)  
Computer Science Transfer Pathway

## TECHNICAL PROJECTS

### DATABASE SYSTEMS MANIPULATION AND DESIGN FINAL PROJECT

- Utilized SQL and MySQL Workbench with relational database techniques to design and implement a working database complete with significant and realistic table sizes, some of the data of which was produced with C++ code.

### PERSONAL 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.

### SOFTWARE ENGINEERING PRACTICUM (CURRENT SEMESTER)

- Utilizing techniques learned in Software Engineering Principles such as Agile and Scrum, currently working 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.
- Using this opportunity to develop C# skills as well as continuing to develop proficiency GitHub for source code management and using Visual Studio Code for front-end development.
- Developed the skillset of leading by example as necessary to accomplish the project goals; especially with respect to group cohesion, cooperation, and morale.

## TECHNICAL SKILLS

### PROGRAMS AND TOOLS

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

### OPERATING SYSTEMS

Windows, Linux

### LANGUAGES (FROM MOST TO LEAST EXPERIENCED)

C/C++, Python, HTML, SQL, CSS,  
JavaScript, PHP, Java, C#

## RELEVANT COURSEWORK (ABRIDGED)

- Data Structures
- Algorithm Design and Analysis
- Database Systems Manipulation and Design
- Web and Internet Programming
- Software Engineering Principles
- Discrete Mathematics
- Software Engineering Practicum (current semester)
- Operating Systems (current semester)

## PREVIOUS WORK EXPERIENCE

### 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 teardown 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.

## COMMUNITY ENGAGEMENT

### OUTFRONT MINNESOTA YOUTH COUNCIL AND VOLUNTEER WORK

- As a member of the Youth Council, provided youth insight to adult activists within the organization.
- Participated in planning for OutFront's Youth Summit and other youth events, as well as participating in wider organization activities such as fundraising events.
- As a volunteer, assisted with data entry and organization as well as setup and tear down of demonstrations.