

# Martin Domaradzki

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## EDUCATION

**B.S. Computer Science, Mathematics** | University of Wisconsin-Madison

May 2025

- GPA: 3.83/4.0
- Academic Standing: Senior
- Coursework: Programming III (Java), Operating Systems (C), Combinatorics, Discrete Mathematics
- Skills: Java, Python, C, C#, .NET Development, SQL Server, Linux, HTML, CSS, Javascript

## EXPERIENCE

**Skyward Inc.** | Stevens Point, WI

Jun 2022 – Present

Software Engineer Intern

- Developed primarily in .NET to create internal tools aimed at optimizing data migration between new and old software systems and visualizing important information for developers and system managers
- Implemented API endpoint connectivity between local systems, maintained SQL databases with a web of services, and managed Github integrations to ensure smooth development workflow
- Engaged in Agile development, participating in standup meetings and collaborating in weekly project refining

**UW Administrative Information Management Services** | Madison, WI

Jan 2022 – May 2022

Field Services Technologist

- Installed, moved, removed, repaired, and maintained computer hardware, peripherals, and applications on AIMS' managed clients
- Installed customized workstation operating systems and applications from centrally maintained images
- Answered computer-related support request calls from AIMS customers, resolving problems reported via the calls, and entering and updating call status in our call management system

## PROJECTS

### File System Recovery (C)

- Implemented a scalable software solution to efficiently recover image files from a provided ext2 system disk image utilizing file signature analysis and file format recognition techniques
- Collaborated with a partner to analyze and traverse data to integrate a file metadata retrieval mechanism
- Implemented directory traversal algorithm to detect and retrieve deleted data within complex disk images

### Remote Procedure Calls (C)

- Developed a client library integrated into a client application and a server, gaining experience with distributed systems, client-server communication, and concurrency
- Implemented reliable messaging, at-most once semantics, and sequence number tracking to ensure fault tolerance, data integrity, and duplicate request prevention
- Utilized UDP communication, implemented essential server functions, and provided user-friendly client library interfaces, showcasing proficiency in networking protocols, system design, and message integrity

## LEADERSHIP & INVOLVEMENT EXPERIENCE

**Delta Chi Fraternity** | University of Wisconsin – Madison

Community Service Chair

April 2023 – Present

- Organized events with the Lakeshore Nature Preserve and local food banks to contribute to the community, achieving record amounts of engagement within both Delta Chi and other partnered organizations

Humorology Director

April 2023 – Present

- Co-directed the annual Greek philanthropic theater performance, with fundraising for the Canopy Center for child abuse treatment and prevention currently ongoing

**Track and Field** | Stevens Point Area High School | Stevens Point, WI

Varsity Pole Vault, Assistant Coach

May 2017 – August 2021

- Exhibited dedication through daily practices, coaching responsibility, and commitment during injury recovery.