

Mark Vasfeld

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OBJECTIVE

Secure a software engineering internship where I can apply my skills and knowledge, and gain practical experience in the field.

EDUCATION

University of Wisconsin-Madison

Fall 2020 - Present

- Bachelor of Computer Science
- Math Certificate

GPA: 3.72 / 4.00

Adlai E. Stevenson High School, Lincolnshire, IL

2016 - 2020

- High School Diploma with the Highest Honors

GPA: 3.96 / 4.00

TECHNOLOGIES & SKILLS

Program Languages: Java, Python, C, HTML, JavaScript, SQL, Assembly Language (MIPS)

Code Editors: VS Code, Eclipse, Vim

OS: Linux, macOS, Windows

KEY COURSES

Java Object-Oriented Programming, Intro to Comp. Engineering, Machine Organization & Programming in C, Intro to AI, Linear Algebra, Intro to Human-Comp Interaction, Introduction to Algorithms *2021-2022*

Cryptography, Computer-Based Business Systems, Database Management Systems *Upcoming Spring 2023*

WORK EXPERIENCE

UW CS Lab

November 2021 - Present

Systems Administrator

- Provide computing resources and support for about 6,000 students, faculty and staff
- Use monitoring tools to detect and/or prevent problems with department IT services
- Support computing hardware in various stages of its lifecycle

U.S. Soccer Federation

July 2014 - Present

Soccer Referee

- Detail-oriented approach to checking in players, enforcing laws of the game and keeping players safe
- Interact and communicate with other referees, coaches, and players effectively and collaboratively

CURRENT PROJECT

Course Scheduler Integration for UW Madison Students

December 2022 - Present

- Currently, the university provides a web-based course scheduler, but it does not integrate with popular calendar applications such as Microsoft Outlook, Apple or Google calendar.
- The objective of the project is to develop a program that seamlessly integrates these applications using Web scraping, API development, Python, JavaScript, GitHub, and debugging/testing techniques.

STUDENT ORGANIZATIONS

UW Student Cybersecurity Club

August 2020 - August 2021

UW Badger Blockchain Club

August 2021 - Present

Information Sciences Society

January 2023 - Present

HONORS/AWARDS

College of Letters and Sciences Dean's List

August 2020 - August 2022

- Minimum GPA of 3.850 for students who have at least 54 degree credits

Ann Durra Scholarship Recipient

May 2021 - Present

- Awarded to few high-achieving students majoring in mathematics and/or the physical or natural sciences; pursuing a degree from the College of Letters & Science.

FUTURE ASPIRATIONS

- Online courses in Solidity(Language to program smart contracts on Ethereum) inspired by Blockchain Club
- Learning API development and RESTful web services in order to understand the calendar applications interfaces