

# Mark Vasfeld

(847)903-0025 | [mvasfeld@gmail.com](mailto:mvasfeld@gmail.com) | <https://github.com/mvasfeld11> |

## 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

Object-Oriented Programming in Java, 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 - December 2021*

- 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