

# Maxim Maeder

[max@mmaeder.com](mailto:max@mmaeder.com) | (608) 770 9290 | [linkedin.com/in/maxmaeder](https://www.linkedin.com/in/maxmaeder) | [mmaeder.com](https://mmaeder.com) | US Citizen | Madison, WI

## Education

**University of Wisconsin-Madison** Expected May 2025  
BS in Computer Science, Data Science & Math GPA: 4.0 / 4.0  
Related coursework: algorithms, data structures, computer architecture, statistics, data science

## Skills

**Languages:** JavaScript, Java, Python, C/C++, C#, TypeScript, SQL/MySQL  
**Frameworks:** node.js, React, Next.js, Express, Angular  
**Tools:** Docker, Kubernetes, Git, Amazon Web Services (AWS), Google Cloud Platform, Linux/Unix

## Experience

**Langan Engineering & Environmental Services** Parsippany, NJ (Remote)  
*Software Development Intern* September 2023 - Present

- Developing internal tools in C# and Angular for use by over 1,600 Langan employees

**UW Space Science and Engineering Center** Madison, WI  
*Software Engineering Intern* May - August 2023

- Developed dashboard to analyze data acquired from GOES weather satellites to detect imager and other data quality issues, improving data load speed by 60% over replaced legacy application
- Collaborated with team of scientists to develop testing and instrumentation software for new spectroscopy instrument
- Wrote communication protocol and software in order to display data from over 350 streams in a customizable user interface

**CivilGEO, Inc.** Middleton, WI  
*Software Engineering Intern* January - May 2022

- Implemented 10+ responsive React web pages for CivilGEO's license management app, completing them ahead of schedule
- Collaborated with backend development teams to connect the license manager pages to existing business logic

## Projects

**Open Accessibility - 1st Place Winner of the 2023 MadHacks Hackathon** March 2023

- Developed first-ever Open-Source Accessibility Software for the web during 24hr hackathon
- Created 11 distinct accessibility features based on the needs of individuals with reading and vision impairments
- Competed with over 250 participants and 56 teams to win the MadHacks Hackathon (the largest in Wisconsin)

**DriveBackupV2** June 2020 - August 2022

- Built DriveBackupV2, a game server backup plugin now holding over 20,000 downloads
- Integrated backup plugin with five popular cloud backup services including Google Drive
- Plugin concurrently deployed on over 1,000 game servers worldwide and has an average uptime of 97%
- Orchestrated collaboration between 10+ open-source contributors on GitHub to continue to improve the plugin

More projects showcased on [mmaeder.com](https://mmaeder.com)

## Leadership and Activities

**LeetCode Club UW** Madison, WI  
*President* September 2023 - Present

- Launched a new computer science club which aims to help students get top tech internships and jobs
- Recruited +1,200 students to join in our first semester, and led meetings each with an attendance of up to 250 students

**Data Science for Sustainable Development Club at UW-Madison** Madison, WI  
*Harvard Humanitarian Initiative Project Manager* September 2023 - Present

- Leading team to develop interactive website elements for the Harvard Humanitarian Initiative

**Helios Team Lead** January - May 2023

- Managed 6-member team to develop cost and emissions savings dashboard for two campus solar panel arrays
- Coordinated with UW-Madison Office of Sustainability to embed savings dashboard into official university website, now visited by 500+ students monthly