Caelan Kleinhans

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EDUCATION

University of Wisconsin-Madison   **Madison, WI**
Intended Degrees: Computer Engineering B.S., Computer Science B.S., Data Science B.S.   ***May 2023***
Overall GPA: 4.00/4.00

EXPERIENCE

Software Engineering Intern   **Menlo Park, CA**
Meta   *May 2022 - August 2022*
- Built caching layer for Automated Alt Text run on all 11B+ Facebook & Instagram photos uploaded per day
- Independently identified & executed multiple additional projects to further the impact of initial project
- Collaborated with cross-functional partners to address issues and push my projects to completion

Research Assistant   **Madison, WI**
Interactive Learning and Design Lab   *September 2021 - Present*
- Design web app for middle school students to use in classrooms using React & MongoDB
- Built core features including advanced URL routing, auto-save functionality, and lesson creation
- Develop NLP agent using Python & Flask to provide students real time personalized feedback on answers

Software Engineering Intern   **Minneapolis, MN**
Medtronic   *June 2021 - August 2021*
- Wrote SQL queries to retrieve data from clinic and performance databases
- Created new commands for a utility tool with C# and .NET to compare data
- Ran load tests on the CareLink network to collect and analyze results
- Followed Agile methodology while working on the Performance Engineering team

Co-Founder & Developer   **Minneapolis, MN**
Laker Lawn Care   *January 2018 - August 2021*
- Designed & developed business web application using CSS, JavaScript, React, and Bootstrap
- Migrated business database from Google Sheets and Google Scripts to Google Firebase
- Raised and donated over $4,750 to Minnesota based charities

ACTIVITIES

Datamatch   **Harvard University & Madison, WI**
Web Developer & Chapter President   *April 2020 – Present*
- Led development of the first new feature since launch: Crush Roulette
- Help redesign web app user interface and improve user experience using CSS
- Lead the UW campus team for advertising and community outreach
- Teach and oversee team of web developers from UW-Madison

Engineers Without Borders   **Madison, WI**
Guatemala Project Team Lead   *September 2019 - Present*
- Led Construction team during design phase responsible for the bill of materials and project schedule
- Currently lead Travel & Culture team responsible for preparing travel documents & community workshops
- Helped design & build potable water systems for hundreds of people in two rural communities

SKILLS

Javascript, Java, Python, C, PHP, Hack, HTML, CSS, React, Gatsby, Node, Google Firebase, Git, Agile Development, Verilog, MATLAB, Team Leadership