

Oliver Ohrt

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EDUCATION

University of Wisconsin – Madison

Bachelor of Science in Computer Science

Madison, WI

Expected June 2027

Relevant Coursework: Data Structures and Algorithms, Software Engineering, Computer Engineering, Linear Algebra

Clubs: Wisconsin Robotics, Google Student Developer Club, DotData

WORK EXPERIENCE

iD Tech Camps

Seattle, WA

Robotics Instructor

May 2024 – Aug 2024

- Instructed 80+ students, aged 7-17, in VEX V5 robotics for BattleBots®-style championships, emphasizing C++ programming and mechanical engineering principles, achieving a 96% student satisfaction score.
- Delivered 40+ hours of hands-on lessons weekly, covering robot design, testing, and programming.
- Implemented teaching methods that led to a 43% average increase in students' self-reported "confidence in robotics" ratings.

PROJECTS

The Farm - Tauri Desktop App

Ongoing

- Developing a Tauri-based desktop application integrating a Neo4j database with a Rust backend, and Svelte frontend, aimed at managing and visualizing social relationships and project information.
- Utilizing Python to train a custom LLM (Large Language Model) to interact with the database, providing insights and recommendations based on user inputs.

[Badger+](#) MadData '24 Hackathon Winner

Feb 2024

- Developed a Flask-based application providing UW-Madison students with personalized academic guidance and extracurricular exploration integrating the Canvas API and a club database, offering tailored recommendations.
- The project was recognized as one of the winning projects by a panel of judges from Epic Systems and John Deere.

[FoodShares](#) HackPNW Summer Winner

June 2023

- Created a platform using React, TypeScript, and Tailwind CSS, allowing users to share surplus food with those in need.
- Designed UI/UX with Figma and managed integration with the USDA FoodData Central database.
- The project was one of the top three winning entries from over 100 competing teams.

ACTIVITIES

Associated Student Body

Issaquah, WA

President

Jun 2022 – Jun 2023

- Led a team of 70+ officers to organize events for 2,600 students. Established quarterly town halls for student Q&A, significantly boosting engagement, transparency, and communication between students and administration.
- Designed a 10-week leadership training program, enhancing leadership skills among officers. Spearheaded initiatives focused on mental health awareness and student well-being, fostering a more inclusive and supportive school environment.

Booklit.AI

Remote

User Researcher

Nov 2022

- Conducted research for startup Booklit.AI, focusing on user experience (UX) and customer-facing design improvements.

ADDITIONAL

Technical Skills: Java, Python, C#, Rust, JavaScript, React, Flask, Unity, Blender, Firebase

Soft Skills: Leadership Development, Team Collaboration, Project Management, Public Speaking, Strategic Planning

Awards: Winner of HackPNW Winter 2023, HackPNW Summer 2023, MadData Data Science Hackathon, Dean's List 2023

Website: Projects and recommendations at oliverohrt.com