

Oliver Ohrt

Seattle, WA — Madison, WI | +1 650-670-6858 | oliver@theohrts.com | oliverohrt.com

EDUCATION

University of Wisconsin – Madison

Madison, WI

Bachelor of Science in Computer Science

Expected June 2027

- Awards: Dean's List 2023, Winner of HackPNW Winter 2023, HackPNW Summer 2023, MadData Hackathon
- Relevant Coursework: Data Structures and Algorithms, Software Engineering, Computer Engineering, Linear Algebra, Artificial Intelligence, Data Management for Data Science, Discrete Math
- Clubs: Wisconsin Robotics, Google Student Developer Club, DotData, Undergraduate Project Lab

WORK EXPERIENCE

Robotics Instructor

Seattle, WA

iD Tech Camps

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

Social Network Visualization Desktop App | *Rust, Neo4j, Tauri, Svelte, Python*

July 2024

- 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

Academic Planner Full Stack Application | *Python, Flask, JavaScript, OpenAI*

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 three winning projects by a panel of judges from Epic Systems and John Deere

Food Sharing Web Platform | *React, TypeScript, Tailwind CSS, Firebase*

June 2023

- Created a platform using React, TypeScript, and Tailwind CSS, for 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

TECHNICAL SKILLS

Languages: Java, Python, C#, C++, Rust, JavaScript, TypeScript

Frameworks & Libraries: React, Flask, Electron, Tauri, Svelte, Tailwind CSS

Tools & Technologies: Blender, Firebase, Neo4j, Git, Linux

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