

LUCAS SIMONEN

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EDUCATION

University of Wisconsin-Madison | 2021 - 2025

Bachelor of Science: Computer Science

Key Courses: Computer Engineering, Machine Organization & Basic Systems, Introduction to Algorithms, User Interface Design, Computer Graphics, Introduction to Artificial Intelligence, Mobile Applications

SKILLS

Languages/Frameworks: Java, JavaScript, React, Python, TypeScript, HTML, CSS, SQL, and C.

Other Technical Skills: Git, VSCode, Eclipse, Android Studio, Photoshop, Lightroom, Premiere Pro, Illustrator, and After Effects.

Non-Technical: I am very personable and have developed lots of experience communicating effectively by working with customers as a waiter. I also bring an excited and constructive attitude to work, while being very resourceful and possessing the ability to adapt and learn from unfamiliar problems that come up wherever I work.

PROFESSIONAL EXPERIENCE

Data Annotations

Software Validation - AI Training

Feb 2024 - Present

- Performed data analysis across multiple projects, which required adaptability and precision in meeting the evolving standards of LLM and generative image technologies, contributing to improvements in AI project accuracy.
- Validated and modified AI-generated code using a range of different languages and tech stacks (Python, React, HTML, CSS, JavaScript, Java, and TypeScript), running tests and applying modifications to ensure code accuracy, functionality, and alignment with project requirements.

The Wisconsin Messenger

Web UI Developer

May 2024 - Sept 2024

- Collaborated with a development team to design and implement a dynamic, user-friendly website for the Wisconsin Messenger using React framework, HTML, CSS and JS.
- Participated in code reviews and contributed to maintaining best practices for code quality, accessibility, and user experience.

Projects

Online Yahtzee Game

Product Owner / Head of Frontend

Software Engineering 506 Project

February 2024 - May 2024

- Designed responsive frontend software with Vite and React framework.
- Designed Unit Tests for various Frontend/API functionalities.
- Worked with a team of 6 within an agile development environment.
- Helped design API functions and other Database functionalities.

Personal Website

Creator

Personal Project

August 2023 - Current

- Developed and designed a graphically pleasing personal website using the React framework.
- Integrated CSS and various design libraries (e.g. Bootstrap, Bootstrap Nav, etc.) to enhance the visual appeal.
- Deployed the website using a CI/CD pipeline with GitHub for continuous integration and delivery.

3D JS Graphical Town

Creator

Computer Graphics Project

March 2023 - March 2023

- Created detailed 3D models of buildings, trees, and other town elements using JavaScript and Three.js
- Implemented realistic animations to enhance user immersion.