

Jemma Poffinbarger

Platteville, WI | contact@jemsoftware.dev | jemsoftware.dev

Skills

- NodeJS, JavaScript, TypeScript, Swift, SwiftUI, C, C++, C#, Java, Docker, Git, AWS, MongoDB, HTML, CSS, PWA, Linux

Work Experience

University of Wisconsin: Platteville

ITS Hardware Staff

March 2022 – Present

- Management and deployment of computer assets
- Assisting customers with technology concerns
- Facilitating the decommissioning of outdated hardware in an environmentally responsible manner

Crystal Lake Scout Reservation

Business Manager

January 2022 – March 2022

- Managing camp budget
- Overseeing dining services and trading post sales
- Managing event registrations
- Processing payments

Director of Ecology and Conservation

May 2021 – August 2021

- Running outdoor activities
- Facilitating outdoor instruction
- Facilitating staff training
- Directing area staff and instruction.

Administrative Assistant

May 2020 – August 2020

- Answering phone calls and emails
- Handling event registrations and management
- Processing payments
- Developing informational web applications

Education

University of Wisconsin: Platteville

Computer Science Major with an emphasis on
Business Administration

Graduation Date:

May 2023

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Projects

- **Pretendo Network | Developer** 2019 - Present
Link: <https://github.com/PretendoNetwork>
NodeJS, C++, MongoDB, HTML, CSS
 - Open-source replacement game servers for the Wii U and 3DS with over 10,000 users.
 - Contributed to the development of on device patches to connect to the network without permanently modifying the system.
 - Reverse engineered various network services and system applications.
- **Juxtaposition | Lead Developer** 2019 - Present
Link: <https://github.com/PretendoNetwork/Juxtaposition>
NodeJS, MongoDB, JavaScript, HTML, CSS, EJS
 - Open-source social media platform for the Wii U, 3DS and the Web.
 - Designed and implemented a segmented backend structure to ensure fast, reliable access to resources
 - Created a modular user interface across multiple platforms using EJS templates.
 - Reverse engineered existing and former network services to implement a fast, reliable API for usage in games and other services.
- **Tesomas.Camp | Lead Developer** 2019 - 2020
Link: <https://tesomas.camp>
HTML, CSS, PWA
 - Facilitated the creation of a dynamic user interface that works across a variety of screen sizes
 - Developed tools to help client continue to keep information on the site up to date
 - Integrated with existing internal tools to ensure a high-quality experience to all customers
- **CyberLabs – Senior Design Project | Lead Database Developer** 2022 – 2023
NodeJS, TypeScript, MongoDB, Docker
 - Directed a team on the development of a database platform with a matching REST API.
 - Facilitated the design of a modular database structure
 - Worked with a separate team on the inter-server communication of key resources
 - Ensured following of agile best practices throughout the development process