

Josiah Mattern

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EDUCATION

Ohio State University, Columbus, Ohio
B.S. Computer Science and Engineering

Enrolled: August 2023 — Expected: May 2027
GPA: 3.3

SUMMARY

Computer Science & Engineering student with professional React web development experience, delivering accessible, responsive, and scalable SPAs with CI/CD on Vercel. Seeking a software engineering internship for Summer 2026.

EXPERIENCE

Web Development Team Supervisor
MMC Digital Lab

Columbus, Ohio
August 2023 - Present

- Coordinated the redesign of MMC Scholars Program websites, achieving a 300ms reduction in page load times and enhancing overall responsiveness with React and Next.js image optimization.
- Built an automated CI/CD pipeline with Vercel.
- Led an 8 member team, communicating with stakeholders and managing workload for developers.
- Developed and deployed a responsive admin panel to allow easy updates to schedules and leaderboards.
- Integrated applications with Firebase API to persist data and authenticate users.

PROJECTS

Personal Website

June 2022 - Present

<https://josiah.digital/>

- Built a responsive, accessible SPA using React to showcase technical projects and share blog posts.

MMC Scholars Home - Lead Developer

August 2024 - Present

<https://www.mmcdigitalsandbox.com/>

- Designed and developed a portal for the MMC Scholars Group that integrates with the Google Firebase API for authentication and CRUD operations.

Rust Journal

May 2024

<https://github.com/josiahmattern/rustjournal>

- Developed a lightweight, modular command-line journaling tool using Rust, designed for easy customization and cross-platform compatibility.

Pomodoro App

April 2024

<https://github.com/josiahmattern/pomodorotauri>

- Created a cross-platform desktop SPA using Tauri and Svelte, enabling users to implement the Pomodoro Technique for task management and productivity improvement.

SKILLS

- **Relevant Coursework:** Software Development, Data Structures and Algorithms
- **Languages:** Javascript, HTML, CSS, Java, C, Rust
- **Tools and Frameworks:** React, Next.js, Firebase, Svelte, Git/GitHub, Copilot, VSCode