

CARSON EMENECKER

Madison, WI | cemenecker@gmail.com | linkedin.com/in/carson-emenecker | carsonemenecker.com

EDUCATION

University of Wisconsin-Madison

B.S. Computer Science

Madison, WI

Expected May 2029

St. Norbert College | De Pere, WI | 2025 - 2026

Dean's List, Spring 2026 | Zephyr Scholarship | Brandon Willems Memorial Scholarship

EXPERIENCE

Paper Dimensions LLC

Software & Systems Engineering Intern (AI-Assisted)

Beaver Dam, WI

Jun 2026 - Present

- Led AI-assisted development of a manufacturing MRP and traceability platform spanning receiving through shipping; translated real manufacturing workflows into software requirements and expanded regression coverage from **4 to 1,151 passing tests across 58 files**.
- Ran a 119-item production-readiness review that reduced open launch-blocking P0 findings from **9 to 1**, validating concurrency, authorization, auditability, and data-integrity controls.
- Directed AI-assisted redevelopment of a 57-route Next.js/TypeScript website and 24-article Resource Center; organic-search sessions increased **38.5%**, Aug 2026 spot checks reached **#1 for multiple high-intent service queries**, and the rebuilt site generated **11 tracked quote/contact submissions in 24 days** after the prior site historically produced little to no measurable inbound form activity.
- Created an AI-assisted Excel automation for recurring manufacturing-performance reporting, reducing weekly processing time from **50 to 10 minutes (80%)** and saving approximately **35 labor hours annually**.

PROJECTS

CodeReview AI

Creator & AI-Assisted Developer

codereviewai.app

2026

- Created and launched an AI-assisted code-review SaaS supporting **8 programming languages**; defined product behavior, review criteria, and user flows.
- Used AI pair-programming to iteratively implement and test severity-ranked findings, Supabase authentication/data storage, usage limits, Stripe subscriptions, and Security Audit mode.
- Deployed and maintained the production app on Vercel using React/Vite, Tailwind, Claude API, Supabase, and Stripe.

TECHNOLOGIES USED

Languages & Web: TypeScript, JavaScript, Python, SQL, Next.js, React, Node.js, Tailwind CSS

Data & Services: PostgreSQL, Prisma, Supabase, Vercel, Stripe, Claude API

Platforms: Git/GitHub, Microsoft Entra ID, Microsoft 365, SharePoint

CERTIFICATIONS & SERVICE

Credentials: National Registry EMT (NREMT) | BLS Certified

EMT Education: Technical Diploma, Fox Valley Technical College

Service: Academic Tutor & Mentor, Growing Resilience | 2025 - May 2026

Spanish: Limited working proficiency