

William Victor

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▀ SUMMARY

AI engineer in Madison, Wisconsin. I build AI agents, web apps, and firmware — mostly TypeScript and Python, with detours into Rust when a project asks for it. The through-line: I take things that are half-finished or broken and get them working.

▀ SELECTED WORK

01	RUST LUNA An open-source agent that runs a desktop on its own — a custom vision pipeline (CLIP/SAM/Florence/TrOCR) and a safety layer.	Jul 2025
02	NEXT.JS Bento Sprint A club-management app for student orgs — Kanban boards, teams, and announcements, with Slack/Discord/Notion built in.	Jan 2026
03	NODE Uno R3 MCP An MCP server that gives an AI agent hands on an Arduino Uno over serial — read pins, drive outputs, analyze thrust.	Jan 2026
04	NEXT.JS This portfolio My portfolio site — Next.js, the galaxy hero, and a build that won't ship unless its tests pass.	Jan 2026
05	PYTHON Manga Studio Tooling to get from a rough idea to a drawable manga page plan — panel layouts and per-panel image prompts.	Spring 2026
06	ELECTRON recordlocally A local-only Electron app for capturing, trimming, and exporting gameplay — everything stays on your own machine.	Spring 2026
07	TYPESCRIPT OSINT Globe A 3D open-source-intel globe with analyst overlays, source adapters (GDELT/ReliefWeb/RSS/YouTube), and a PostGIS store.	Spring 2026

▀ SKILLS

TYPESCRIPT / REACT / NEXT.JS / PLAYWRIGHT / RUST / PYTHON / NODE / ELECTRON / WEBGL / C+ / FIRMWARE / COMPUTER VISION

Portfolio: <https://sushiionwest.com>
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