

DAVID LONSKI

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OBJECTIVE

Computer science student with a passion for creative learning, with a solid foundation in **Agile** development practices and the **Software Development Life Cycle (SDLC)**. Searching for a Full-Time SWE position to utilize my practical experiences gained throughout the project experience I gained at SUNY Brockport.

EDUCATION

SUNY Brockport, Bachelor of Science (B.S), Major (Computer Science), Minor (Mathematics)

Expected: Dec 2025

TECHNICAL SKILLS

Languages: Python • SQL • JavaScript • TypeScript

Frameworks: React.js • Python Flask • Next.js • Node.js

Cloud: Docker • Google Cloud (GCP) • Ngrok • Vercel

Tools: Windows • Git • Cursor • Vs Code • MS Office

RELEVANT PROJECTS

AI-Powered Study Companion Service

- Led an 8-person team through Agile sprint cycles to ensure efficient delivery and address complex implementation challenges in a Next.js/TypeScript environment.
- Developed core services functionality, including Clerk-based authentication, database management via Prisma ORM on Supabase, file handling with Supabase Buckets, and AI interaction layer, utilizing the OpenAI API and PgVector.

MJL Flooring Website

- Built and deployed the production website for MJL Flooring, establishing a customer inquiry pipeline for a small business that previously had no web presence.
- Architected server-side bot defense to stop the spam overwhelming the owner — migrated email to a zero-dependency serverless function and replaced the third-party form handler.
- Improved local discoverability through a full SEO overhaul, including structured data, social share cards, and image optimization.

Accessible ALT Text Generator

- Engineered an application for SUNY Brockport to ensure Title II ADA compliance for digital content (mandated by April 2026).
- Managed the full development lifecycle, from local testing to production using GCP VM and Ngrok for secure HTTPS routing.
- Still in active use today — over 100 users and consistently positive feedback from faculty and staff.

Onsite OS

- Building role-based AI access control to give small teams a safe way to run AI on company files — employees invoke agents, managers oversee the work, admins audit the full trail.
- Originally built on OpenClaw, Ollama, and local LLM routing to learn where orchestration frameworks break under load. Ditched OpenClaw when it couldn't hold up and kept the lessons.
- Pre-company, no customers yet — active development.

WORK EXPERIENCE

Teaching Assistant/Tutor, SUNY Brockport

Sep 2024 - Dec 2025

- Helped students with lab work and provided feedback and guidance on technical concepts
 - Classes: Data Structures, Programming in C, UNIX tools, Object Oriented programming, Computer Architecture
- Built strong communication skills by explaining complex topics efficiently

Security Guard (Part-Time), Fidelity Security Operations (FSO)

Feb 2026 - Present

- Conduct perimeter checks and patrol vehicle monitoring across assigned zones
- Maintain stationary watch posts and log incident reports with attention to detail
- Current part-time role while pursuing full-time software engineering opportunities

PRESENTATIONS

- Lonski**, Yu (2025) "A Low-Cost Approach for Fake Medical Image Synthesis"
 - Poster Presentation at Scholars Day, SUNY Brockport 2025
- Harris, **Lonski**, Thomas, Munye, Iskrenova-Ekiert (2025) "Higher-Ed Course Registration: Web Application"
 - Poster Presentation at CCSCNE 2025
 - Poster Presentation at Scholars Day, SUNY Brockport 2025
- Thiele, Asbie, Brown, Fantigrossi, Jones, **Lonski**, Mesiti, Yu, Mitra (2025) "EduAlly: Integrated AI Education Assistant"
 - Poster Presentation at CCSCNE 2025
 - Poster Presentation at Scholars Day, SUNY Brockport 2025

EXTRA CURRICULAR

Professional Society - Student Chapter of ACM Special Interest Group on Artificial Intelligence (SIG AI)
College at SUNY Brockport - Computer Science Club, Cybersecurity Club, Math Club
Special Interest - Weightlifting, Cooking, Art
CPR certified