

Adam Joseph Laloge

UI/UX Engineer | Human-Centered AI Systems

West Harrison, Indiana | github.com/AStellarScene | hello@adamlaloge.com

PROFILE

Engineering Test Technician and software developer in medical-device testing. Builds test software and automated test equipment, including technician-facing interfaces, backend code, embedded controllers, and AI agent workspaces. Uses moderated usability sessions and operator workflows to shape requirements. Finishing a B.S. in UX Design at WGU.

EXPERIENCE

Baxter International, Inc. | Batesville, IN | 2025 - Present

Engineering Test Technician

- Medical-device verification: Perform verification testing of medical devices under regulated requirements.
- PLM and issue management: Manage document control and validation data in PLM. Document product issues and escalate them to Engineering.
- Software development: Build test software, from the technician-facing interface through the backend.
- AI agent workflows: Build specialized AI agent workspaces that support automated testing and software development.
- Automated test equipment: Design, build, and validate automated test equipment for medical-device testing, including equipment with embedded controllers.
- Electrical and mechanical assembly: Perform electrical and mechanical assembly of projects according to engineering documentation.
- Innovation and hackathons: Contribute to invention disclosures and participate in hackathons.

Computer Solutions and Innovations, LLC | Versailles, IN | 2023 - 2024

On-Site IT Support

- Delivered in-person and remote support for hardware and software issues.
- Assisted with infrastructure planning, hardware asset management, purchasing, and system upgrades.

EDUCATION

- WGU School of Business | B.S. User Experience Design, in progress (expected January 2027)
- Ivy Tech Community College | A.A.S. Software Development, May 2024, Magna Cum Laude, 3.9 GPA

CERTIFICATIONS

- AWS Certified Cloud Practitioner (2023)
- CompTIA Project+ (2024)

SKILLS

UX & Human Factors

HMI design for test equipment; usability testing (moderated sessions with end users); heuristic evaluation (Nielsen's 10); wireframing and user flows; UI prototyping (Figma, Adobe Illustrator, Affinity Designer, Miro); user needs gathering and requirements definition; personas and journey maps; calibration procedure UX/UI design; user training and support for internal tools; systems analysis and design; W3C/WCAG, Material Design, and Apple Human Interface Guidelines.

Test, V&V & Reliability

Medical device verification and validation; lifecycle testing (hospital beds, patient support systems); requirements traceability; failure investigation (reproduction, documentation, escalation); automated regression and unit testing; automated test equipment (ATE) engineering; modular test action libraries; safety system design; calibration methods; test data recording and analysis; technical documentation, spec writing, and validation documentation; PLM document control.

Software & Embedded

Python; C#/.NET; C++; JavaScript; HTML/CSS; Rust; SQL and database design; Linux and Bash; Docker; WebSockets; Git/GitHub; code review and branching workflows; embedded microcontrollers; sensor integration; OpenCV; Agile/Scrum.

AI & Agentic Work

GitHub Copilot agent architectures; AI agent workspaces; Retrieval-Augmented Generation (RAG); Model Context Protocol (MCP) and tool integrations; AI output evaluation, testing, and validation; natural language protocol ingestion; structured iterative prompting; AI assisted refactoring and debugging.