

Summary

Entry-level Software Engineer / QA Engineer (B.S. Computer Science, 2023) focused on reliable, testable workflows and measurable documentation/process improvements. Experience evaluating local AI tooling and translating findings into repeatable setups and clear documentation.

Skills

Primary: Python, C++, JavaScript

Working: SQL, Java, PowerShell

AI/ML Tooling: llama.cpp, ComfyUI, Flux Kontext, Z-Image Turbo, SafeTensors, LoRA/model patches

Tools/Platforms: Git, Windows, Linux, Wireshark, Nmap, L^AT_EX

Web: Three.js, responsive UI

Projects

Local LLM Evaluation (llama.cpp)

2025

- Compared local LLMs and quantizations via `llama.cpp` under 12GB VRAM / 64GB RAM constraints; captured repeatable run configurations.
- Documented setup and qualitative evaluation notes (stability, responsiveness, formatting adherence) to support consistent retesting.
- Organized prompt sets and saved outputs to make comparisons repeatable across model changes.

Local Image Generation Workflows (ComfyUI + Flux Kontext + Z-Image Turbo)

2025

- Built and iterated node-based workflows for image generation/editing; balanced quality vs speed under VRAM limits.
- Standardized model organization around SafeTensors and LoRAs/model patches; maintained exported workflows and reproducible rebuild notes.

AI Coding Reliability Tests (Cursor + Google Antigravity)

2025

- Generated small playable games (e.g., Minesweeper, Snake) from single prompts to compare tool/model reliability.
- Recorded recurring failure modes (logic/state bugs, UI issues, edge cases) and defined manual pass/fail checks.

Interactive Portfolio Website (Three.js)

2025

- Built a modern portfolio site with interactive 3D visuals and project writeups/demos.

Professional Experience

Call Center Analyst, Agilant Solutions – Lisle, IL

Feb 2024 – Dec 2025

- Delivered first-line technical support (Windows/software/network); reproduced issues and escalated with clear steps, environment details, and outcomes.
- Authored knowledgebase/documentation improvements to standardize troubleshooting; content later leveraged in an AI-first-contact flow for basic troubleshooting.
- Recommended dashboard alerting improvements (audio/visual notifications) implemented by a partner team to improve response consistency.

Help Desk Student Worker, College of DuPage – Glen Ellyn, IL

Sep 2021 – Dec 2022

- Resolved Level 1–3 tickets using structured troubleshooting and root-cause isolation; maintained clear ticket notes for handoffs.
- Trained new hires on triage workflow and customer communication to support consistent service quality.

Education

Lewis University

B.S. in Computer Science

Selected coursework: Data Structures & Algorithms, Software Engineering, Operating Systems, Databases