

Charles Blake Harrison

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SUMMARY

Management Information Systems graduate who builds, deploys, and operates production systems end to end. Experience spanning workflow automation, API integration, systems troubleshooting, and live monitoring for real business operations.

EDUCATION

Oklahoma State University, Stillwater, OK

August 2026

Bachelor of Science in Business Administration, Management Information Systems | GPA: 3.6

Certifications: AI Fluency: Framework & Foundations; Claude 101 (Anthropic, 2026)

TOOLS & TECHNICAL SKILLS

Systems & Operations Workflow automation, systems troubleshooting, API integration, testing & debugging, workflow documentation, process improvement, monitoring

Platforms & Infrastructure Git, Linux, Docker, Nginx, Netlify, PostgreSQL, Google Analytics, Google Tag Manager

AI & Developer Tooling Claude Code, Cursor, OpenClaw, MetaTrader 5

Development & Data Python, SQL, TypeScript/JavaScript, React, Next.js, FastAPI, pandas, PowerShell, Excel

SELECTED SYSTEMS & AUTOMATION PROJECTS

AI Content Automation System | Harrison Insurance Agency

2025 – Present

OpenClaw | Linux | generative video | bundle.social API

- Built and operate an unattended Linux automation pipeline that generates, schedules, publishes, and monitors AI video content across four social platforms three times daily for a live business
- Integrated the bundle.social API for multi-platform scheduling (upload, processing-status checks, publish) with authentication handling and failure recovery
- Reviewed platform analytics and shifted production from educational content toward higher-performing comedy and skit formats

Algorithmic Trading and Risk Platform

2024 – Present

Independent Project | Python | MetaTrader 5 | pandas

- Built and operate a trading platform supporting multiple accounts, configurable strategies, backtesting, risk controls, and live monitoring
- Diagnosed and resolved live-order failures caused by a broker filling-mode incompatibility
- Implemented position-sizing, consecutive-loss, and daily-equity controls backed by automated tests; earned access to a \$75,000 funded account through an external evaluation

Additional Projects

- ClipBot: Python/FastAPI pipeline that transcribes long-form video with faster-whisper, selects clip-worthy moments from the transcript, and cuts captioned short-form videos with FFmpeg
- PowerShell dashboard that risk-scores listening TCP services on a host
- Debian home-lab appliance running Pi-hole, Nginx, monitoring, and a FastAPI dashboard

PROFESSIONAL EXPERIENCE

Technology & Digital Operations | Harrison Insurance Agency, Frisco/Plano, TX

Mar 2020 – Present

- Rebuilt the agency website (planoinsurance.com) in React/Vite on Netlify; implemented Google Tag Manager and Google Ads conversion tracking
- Operate the agency's AI content automation and social media systems; progressed from administrative support into managing its website, analytics, automation, and digital operations

Digital Marketing Intern | Dallas Digital, Dallas, TX

May 2023 – Aug 2023

- Optimized Google Ads campaigns and client social media strategies; delivered analytics reports tracking performance, reach, and conversions

Additional Experience: Assistant Manager, Giovanni's Italian Restaurant, Frisco, TX (2022) | Owner & Operator, Luxury Lawn Services, Frisco, TX (2021)

HONORS

- President's Honor Roll, Oklahoma State University (Spring 2024, Fall 2025)
- Dean's Honor Roll, Oklahoma State University (Fall 2024) and University of Arkansas (2022)