

ALEX HANSON

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Recent Cybersecurity graduate with a diverse background in software development, Salesforce administration, systems support, and database management. Seeking a challenging position to leverage and strengthen technical skills in a dynamic, career-oriented environment.

Skills & Certifications

- **Linux Administration** (Installation & Configuration, Service Management [systemd & runit], Bash Scripting)
- **Windows Administration** (Active Directory, PowerShell, VMWare & Hyper-V, Group Policies)
- **Network & Security** (Network Protocols, Security Controls, Vulnerability Assessment, Secure Shell [SSH])
- **Programming Languages** (Java, C#, Python, JavaScript/TypeScript)
- **Frameworks & Libraries** (Spring Boot, .NET, React, Node.js)
- **Web Technologies** (JavaScript, TypeScript, HTML/CSS)
- **Salesforce Development** (Apex, SOQL/SOSL, Lightning Web Components, User Management)
- **Database Systems** (SQL, PostgreSQL, MySQL, SQLite)
- **API Architecture** (REST, SOAP)
- **Version Control & CI/CD** (Git, GitHub, DevOps)
- **Testing & QA** (Selenium)
- **Project Management** (Agile Methodology, SDLC)
 - **CompTIA ITF+ Certified**
 - **Salesforce Platform Developer I Certification** (Currently In Progress)
 - *Trailhead Completion: 56 Badges & 50,000+ Points*

Projects

MKV Audio Track Manager (PyAudioMerge – Python)

- **Libraries & Frameworks:** FFmpeg, Tkinter
 - Modern desktop application for merging and managing audio tracks in Matroska video files with an intuitive user interface
 - Leverages FFmpeg for audio and video manipulation along with high-performance video processing and rendering
 - Features real-time progress tracking, multi-track audio mixing, configurable output settings, and animated UI elements

Redfin Property Analyzer (rfScraper – Python)

- **Libraries & Modules:** Pandas, Asyncio, BeautifulSoup, HTTPX
 - Automated web scraping tool that extracts and exports Redfin's sold property listings to multiple spreadsheet formats
 - Uses asynchronous data collection to optimize scraping performance and processing speed

Education

Bossier Parish Community College

AAS | **Cyber Security** | 3.8 GPA
December 2023

- CTC Network Security & CTC Computer Repair Certificates
 - Expertise in CompTIA A+, Network+, and Security+ principles

Louisiana Tech University

Computer Science Coursework
2020 - 2021

Caddo Career & Technology Center

Java Programming & IT Fundamentals
2019 - 2020

Work Experience

Fordham Footage (Videographer, Editor, & IT Systems Support)

Sylvania, Ohio | 2017 - 2025

- Developed efficient workflow processes to manage multiple projects concurrently while maintaining quality standards
- Demonstrated technical adaptability by working across various video and audio editing platforms.
- Utilized Sony Vegas and Adobe Premiere for video editing and post-production

US Cyber Defense Center (Intern)

Dallas, TX | April 30th, 2025 - Present

- Assisted in security operations, setting up a local private branch exchange (FreePBX), deploying and administering Windows, Linux, and *BSD machines, drive reimaging, doing direct work with Cisco network hardware, and more.