

# 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

- **Programming Languages** (Java, C#, Python, JavaScript)
- **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)
- **Windows Administration** (Active Directory, PowerShell, VMWare & Hyper-V, Group Policies)
- **Linux Administration** (Package Management—*pacman/AUR*, Shell Scripting—*Bash*, System Services)
- **Network & Security** (Network Protocols, Security Controls, Vulnerability Assessment)
  - **CompTIA ITF+ Certified**
  - **Salesforce Platform Developer I Certification** (*Currently In Progress*)
    - *Trailhead Completion: 56 Badges & 50,000+ Points*

## Projects

### **MKV Audio Track Manager** (AudioMerge – C#/WPF | PyAudioMerge – Python)

- **Libraries & Frameworks:** .NET, WPF, 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
  - Originally developed in Python/Tkinter, then rebuilt in C#/WPF to implement enhanced UI design with improved performance

### **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)

Sylvania, Ohio | 2017 - 2018

- 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

### **Dillas Quesadillas** (Line Cook)

Shreveport, Louisiana | 2019 - 2022

- Demonstrated strong adaptability and quick learning in a fast-paced environment with constantly changing priorities
- Coordinated effectively with team members during high-pressure situations to maintain efficient kitchen operations