Collin S. Sallee

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collinsallee.com (personal website)

Purdue Graduate and Aspiring Cybersecurity Professional with comprehensive Incident Response and Digital Forensics experience, looking for entry-level positions in the field of Cybersecurity

EDUCATION

Purdue University
B.S. in **Cybersecurity**
- Graduated: May 2025

Minor in **Forensics**
- **Most Relevant Courses:** Incident Response Management (A), Network Security (A), Cyberlaw and Ethics (A), Vulnerability Analysis & Testing (A), Advanced Cyber Forensics (A)
- **Extracurriculars:** Eli Lilly Discovery Day, Purdue Space Program Spaceport America Club, Intramural Sports, Game and Website Development with AI

RELEVANT PROJECTS

SQL Forensic Analyzer with Python Backend
- Developed a fully functional forensic tool for MySQL database analysis, preserving data integrity during examination with a [Next.js/Typescript](#) front-end application using Electron for building and deployment
- GitHub: https://github.com/collinsallee - Contains complete documentation and source code (see README)

Threat Intel RSS Feed using Elasticsearch (TIfeed - Threat Intelligence Platform - see Github)
- Developed a real-time cybersecurity threat intelligence aggregation platform using Next.js 15, TypeScript, and Elasticsearch, featuring automated data collection from multiple sources (CISA, US-CERT, Reddit), advanced filtering/search capabilities, and live dashboard updates via Server-Sent Events
- Architected a microservices-based monorepo with Turborepo managing a Node.js worker service for background threat processing, React frontend with Tailwind CSS, Docker containerization, and AI-powered threat summarization using OpenAI/Ollama APIs for executive and technical reporting

Log Analysis and SIEM Deployment - Incident Response Management
- Extensive experience deploying and managing SIEMs such as Wazuh and Elastic Stack, as well as Security Onion, conducting log collection and analysis, all while developing an expert-level understanding of the troubleshooting process, integrating network log analysis, and developing programs for log analysis and parsing

EXPERIENCE

Boys and Girls Club – *Mooresville, IN*   **May 2024 - November 2024**
Cyber Security Intern
- Led comprehensive policy compliance initiatives as Cyber Security Intern, collaborating with BGC Safety Analysts to ensure organizational adherence to security requirements and conducting thorough documentation of all policies and procedures, and establishing systematic policy management processes, resulting in enhanced organizational preparedness for third-party and National BGC audits
- Designed and delivered Online Safety and Literacy Training curriculum for youth ages 6-18, enhancing cybersecurity awareness and digital literacy

SKILLS

- **Digital Forensic Tools:** Developed SQL Forensic Analyzer (Python), proficient with Magnet Forensics, OSForensics, Autopsy, Sleuthkit, FTK, HxD, while also being trained in forensically sound data acquisition, chain of custody procedures, and digital evidence preservation techniques
- **Operating Systems & Platforms:** Windows, Microsoft Windows Server, Debian & Ubuntu Linux, as well as CentOS and Arch Linux
- **System Administration:** Active Directory, VMware Virtualization, Network Security, Network Engineering
- **Virtual Machines:** 4 years of experience building and maintaining virtual environments using Cyber Security Engineering concepts to increase security, authentication, availability, and integrity
- **Programming Languages (Competent):** Python, Java, C/C++, Linux, Windows Competency, HTML, Typescript, Javascript
- **Scripting:** Scripting Experience with Python, PowerShell, and Bash
- **Full Stack Development:** Building Websites in Various programs, including Remix and React, or from scratch with an in-depth understanding of XSS, most development using Cursor, and most IDE systems
- **AI Competency:** Extremely competent in AI Usage for complex programming and cybersecurity tasks that massively increase efficiency and quality in workflow when used competently as an assistant