

Collin S. Sallee

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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](https://next.js.org/) front-end application using Electron for building and deployment
- GitHub: <https://github.com/collinsallee> - Contains complete documentation and source code (see README)

Digital Forensics Experience and Log Analysis - Advanced Cyber Forensics & Incident Response Management

- Conducted disk imaging and analysis following forensically sound procedures and performed file recovery and deleted data analysis using multiple forensic tools
- 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 my own AI functionalities 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

Youth Development Professional (Part-time)

2020 - Current Day

- Gave many kids the opportunity to learn and grow in a safe environment and provided them with the guidance they needed to grow to be caring, productive, and responsible citizens
- Created, planned, and instructed courses on the technical use of virtual reality job simulators to prepare kids and young adults for trades and workforce literacy

SKILLS

- **Digital Forensic Tools:** Developed SQL Forensic Analyzer (Python), proficient with Magnet Forensics, OSForensics, Autopsy, Sleuthkit, FTK, HxD
- **Evidence Collection & Analysis:** 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
- **Websites:** 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