

# TYLER HAMRICK

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## Summary

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Informatics senior from Indiana University Bloomington with a concentration in Security. Experienced in Python, JavaScript, RESTful APIs, and SQL databases, with a strong foundation in full-stack development and secure coding practices. Passionate about building scalable, secure applications and collaborating in team-oriented environments. Currently pursuing CompTIA Network+ certification.

## Experience

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### Indiana University - Informatics Department | Bloomington, IN

#### Teaching Assistant | 01/2025 - Present

Supported instruction for a full-stack development course focused on Python, Jinja templating, and SQL database integration.

- Led weekly lab sessions for 10–15 students, providing hands-on guidance in backend development using Python and Jinja
- Assisted students with building dynamic web applications connected to SQL databases
- Supported debugging and troubleshooting of full-stack applications during lectures and lab sessions
- Collaborated with the professor to develop programming assignments and project specifications
- Held virtual office hours three times per week to provide additional technical support and code reviews

### Biddle Hotel & Conference Center | Bloomington, IN

#### Front Desk Staff | 03/2024 - Present

Delivered customer-focused service in a fast-paced hospitality environment, ensuring smooth daily operations and positive guest experiences.

- Managed guest check-in and check-out processes efficiently and accurately
- Resolved guest concerns and service issues promptly to maintain satisfaction
- Assisted housekeeping during high-traffic periods to support operational efficiency
- Maintained a professional and welcoming environment as the first point of contact for guests
- Handled reservations, payments, and administrative tasks with attention to detail

### EXOS | Indianapolis, IN

#### Cybersecurity Intern | 05/2025 - 08/2025

Supported and managed cybersecurity operations for 40+ clients, assisting in threat monitoring, incident response, and endpoint remediation.

- Monitored and investigated security alerts across client endpoints using tools such as SentinelOne, Microsoft Entra, Avanan, and DNSFilter
- Resolved security and technical support tickets in collaboration with the security team, improving response efficiency
- Provided on-site technical support to remediate endpoint vulnerabilities and system issues
- Automated and streamlined monthly cybersecurity reporting to improve accuracy and reduce manual effort
- Maintained and strengthened client security posture through proactive monitoring and tool management

### Best Buy | Fort Wayne, IN

#### Sales Advisor | 10/2022 - 01/2023

Provided customer-focused sales support in a fast-paced retail environment, delivering product guidance and promoting company services.

- Assisted customers in selecting products by providing knowledgeable recommendations tailored to their needs
- Educated customers on Best Buy services, including credit cards, protection plans, and memberships
- Maintained a clean, organized, and well-stocked sales floor to enhance the shopping experience
- Collaborated with team members to meet department sales goals and customer satisfaction targets
- Resolved customer questions and concerns in a professional and timely manner

## Projects

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### Professional

*Cyber Alert Monthly Report - EXOS*

**Timeline:** 2 weeks | **Team Size:** 1

- Designed and implemented an automated monthly reporting system leveraging **OpenAI** to generate actionable insights on recurring cyber alerts and recommended remediation steps.
- Improved reporting efficiency and clarity for security stakeholders.

## Academic

*Senior Capstone - Indiana University*

**Timeline:** August, 2025 - May, 2026 | **Team Size:** 4

- Developed a platform connecting students with employers by analyzing job postings to identify skill gaps.
- Generated tailored course and certification recommendations to bridge workforce readiness gaps.

## Personal

*Cybersecurity Homelab – SIEM Deployment & Log Analysis*

- Built a virtualized lab environment simulating enterprise network infrastructure.
- Deployed and configured **Wazuh SIEM** to centralize log collection from servers and endpoints.
- Implemented alerting rules and conducted log analysis to detect anomalous behavior and potential security events.
- Configured a Raspberry Pi running **Pi-hole** as a network-wide DNS server to enhance network visibility and filter malicious domains.

## Skills

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Python, Git, JavaScript, PHP, HTML & CSS, Jinja, MySQL, SQL, RESTful APIs, Windows, Linux/UNIX, Microsoft 365

## Education

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**Indiana University | Bloomington**

**Security Informatics | 05/2026**

B.S. in Informatics with a Security Cognate

**Woodlan Jr/Sr High School | Woodburn**

**High School Diploma | 12/2022**

Graduated with a 4.0+ GPA and Core 40 with Academic Honors