

# Stephen Glombicki

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## SUMMARY

Detail-oriented CyberSecurity Specialist with experience in enhancing cybersecurity measures for utility co-ops. Contributed to the integration of the Dragos platform and improved network defense by creating and analyzing Corelight rules. Seeking to enhance expertise in operational technology to strengthen organizational critical security infrastructure.

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## SKILLS

Pentesting | Active Directory | Nmap | Snort | Zeek | Python | C/C++ | Rust | Linux | Networking | WireGuard | DNP3 | ESXi | vCenter | Proxmox

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## EXPERIENCE

### Undergraduate Data Science Researcher

**The Data Mine - Purdue**

**August 2025 - Present, West Lafayette, IN**

- Developed an AI model with a dashboard to detect malicious in space for American Systems.
- Utilized Python and advanced statistical libraries to preprocess large space system datasets, extract meaningful features, and support predictive model training for threat detection initiatives.

### Contract Pentester

**NetForce**

**August 2024 - Present, Los Angeles, CA**

- Participated in pentest against critical infrastructure and government originations.
- Setup and integrated Sentinel One, Hemidal, Stellar, and CODA.
- Built automation to provision clients for scans and alerts, streamlining onboarding and reducing manual work.

### Security Services Intern

**NineStar Connect**

**July 2024 - December 2024, Greenfield, IN**

- Review and analyze IDS rules and alerts for utility co-op.
- Help integrate Dragos platform into environment.
- Create Corelight rules and analyze Corelight statistics to highlight potential weakness in the network.

### Summer Intern

**Sage-Popovich**

**June 2023 - August 2023, Gary, IN**

- Applied industry best practices in cybersecurity like CIS Benchmark.
- Created automated template system limiting paperwork saving 500 hours a year.

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## PROJECTS

### Github

[github.com/ladderlogix](https://github.com/ladderlogix)

- Scan of Indiana - Created a scan of each IP address in the entire state of Indiana and ranked based on security of each county which then was presented to Indiana Department of Technology
- Packet Tracer Password Recovery - Reversed engineered a binary and created a patch to bypass security features
- DNP3time - Rust program that exploits the trust within dnp3 to allow you to set outstations time

### Homelab

[blog.ics.red/homelab/](https://blog.ics.red/homelab/)

- VMware ESXi & vCenter Server
- CrowdStrike & Sentinel EDR
- PfSense & Sophos Firewall
- Azure / Active Directory Environment
- ICS Lab

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## EDUCATION

### Electrical Engineering

Purdue University • West Lafayette, IN • 2029

## Core 40 with Academic Honors

Munster High School • Munster, IN • 2025

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## CERTIFICATIONS

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### OSCP+

OffSec • 2025

- Conduct remote, local privilege escalation, and client-side attacks
- Identify and exploit XSS, SQL injection, and file inclusion vulnerabilities in web applications
- Leverage tunneling techniques to pivot between networks

### Certified Red Team Lead

Zeropoint Security • 2024

- Used Cobalt Strike to attack an Active Directory Network
- Had to create binaries using EDR evasion techniques to run on hardened machines

### Certified Red Team Operator

Zeropoint Security • 2025

- Had to setup Cobalt Strike to attack an active directory network
- Learned about Active Directory configuration vulnerabilities

### Cisco Certified Network Associate

Cisco • 2023

### Certified vCISO

Security Studio • 2023

- Learned how to quantify risk in a business sense
  - Became proficient in understanding 3rd Party Risk
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## COMPETITIONS & AWARDS

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### USCC

- Competition put on by the Center For Internet Security and SANS
- 2023 CyberBowl 1st Place
- 2022, 2023, 2024 Cyber Challenge Highest Score

### WWHF

- 2x Black Badge Holder

### CTFTime

- Play for a top 10 ctf team

### NCL

- Fall 2024, Spring 2025 1st place high school team

### CyberPatriot

- 2022, 2023, 2024 Semifinalist
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## VOLUNTEERING

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### Village Volunteer

- ISP Hacking Village Volunteer
- ICS Village Volunteer
- Red Team Village

### Volunteer

Wild West Hacking Fest

- Help set up environment and run classes.

### Volunteer ICS Pentester

CyberForce

- Pentested college teams ICS networks for a college competition.
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