

# Zachary Schulte

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## EDUCATION

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**FERRIS STATE UNIVERSITY** Big Rapids, MI Bachelor of Science Expected May 2025

Major in Information Security & Intelligence (ISIN); Minor in Digital Forensics and Penetration Testing (DFPT)

Cumulative GPA: 3.84/4.0

National Security Administration - National Center of Academic Excellence in Information Assurance Education (CAE/IAE) – mapped to all 6 National Security System Standards (CNSS)

## WORK EXPERIENCE

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**FEV NORTH AMERICA, INC.** Auburn Hills, MI  
**Cybersecurity Engineering Summer Intern** May 2024 - August 2024

- Developed proficiency in automotive cybersecurity standards, including ISO 21434, ISO 24089, R155, and R156, ensuring compliance with industry regulations and best practices.
- Acquired hands-on experience with critical communication protocols such as CAN, UDS, ISOTP, and J1939.
- Enhanced the TARA template, leading to a 15% increase in client comprehension and engagement.

**PLANET FITNESS** Lapeer, MI  
**Team Member Representative** November 2022 – April 2024

- Resolved 95% of customer inquiries on the first interaction, contributing to a 10% increase in customer satisfaction scores over 6 months.
- Retained 10% more members by delivering exceptional service, addressing concerns, and reducing cancellations.

## COMPUTER SKILLS

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### Certifications

- COMPTIA Security+ 701
- AWS Certified Cloud Practitioner

### Programming Languages

- Python
- SQL

### Operating Systems

- Microsoft Windows 7, 8, 10, 11
- Linux Distributions: Centos, Debian, Fedora, Kali, Security Onion, Ubuntu

### Software

- **Information Security & Network Security:** BitLocker, GnuPG, Kleopatra, Nessus, Nmap, OpenSSH, OpenSSL, pfSense, Snort, Splunk, TCPDump, Wireshark
- **Penetration Testing:** Aircrack-ng, Burp Suite, John the Ripper, Hashcat, Hydra, Metasploit Framework, Nikto, OpenVAS, OWASP ZAP, SQLMap

## CYBERSECURITY PROJECTS

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### CAPTURE THE FLAG (CTF) COMPETITIONS

- Ranked 2nd Place Overall in Ferris' CTF Event
- Ranked in the Top 5% in Hack The Box's "Hack The Boo" CTF Event

### EVENTS ATTENDED

- ESCAR 2023
- CyberTruck 2024