

Spencer Shirah

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Education

Auburn University

B.S. in Software Engineering, Summer 2026
Major GPA: 2.86

Leadership/Experience

ETHICAL HACKING CLUB, (*September 2025 - present*), Auburn University, Auburn, AL

- Conducted hands-on penetration testing labs simulating real-world cyberattacks, including SQL injection, buffer overflow, and network exploitation.
- Collaborated in teams to identify, analyze, and remediate system vulnerabilities in a controlled environment.

AUBURN UNIVERSITY CYBERFORCE, (*September 2025 – present*), Auburn University, Auburn, AL

- Configured and hardened Linux and Windows servers under simulated cyberattack scenarios while maintaining functionality for end users.
- Applied cybersecurity best practices in network defense, identity management, and secure system configuration.
- Collaborated with teammates to design incident response strategies and maintain system uptime under red team attacks.

CHI PHI FRATERNITY, (*September 2024 – present*), Auburn University, Auburn, AL

- Participated in 50+ hours of community service and annual fundraising for local nonprofits.
- Collaborated with chapter members to organize campus-wide philanthropy events.

AUBURN BOXING CLUB, (*November 2023 – May 2025*), Auburn University, Auburn, AL

- Assisted in organizing club events, recruiting new members, and fostering a supportive athletic community.
- Demonstrated leadership and teamwork by mentoring newer members in boxing techniques and safe training practices.
- Balanced academic commitments with rigorous training, showing time management and dedication.

THE UPS STORE ASSOCIATE, (*May 2022 - present*), The UPS Store, Enterprise, AL

- Greet customers and assist with service needs, including shipping, packing, printing, and mailbox services.
- Assist customers with printing, copying, laminating, faxing, and other document services.
- Promote and upsell additional products and services.

Skills

Professional Skills:

Leadership, teamwork, technical communication, time management, adaptability, attention to detail

Programming & Hardware Design:

Java, HTML, JavaScript, CSS, VHDL, C/C++, Python, OS/161 kernel development, Git version control

Cybersecurity:

Penetration testing, vulnerability assessment, defensive strategies (DOE CyberForce), tools including Wireshark, Nmap, Metasploit, Burp Suite

Analytical Skills:

Simulation analysis (ModelSim), performance evaluation, debugging complex systems, algorithm optimization