

Andrew Bohlmann

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TECHNICAL SKILLS

Cybersecurity Fundamentals: Cryptography, Cyberlaw & Ethics, Penetration Testing

Programming: Bash, SQL, Python, HTML, R, Java, C#, MUMPS, L^AT_EX

System Administration: UNIX, Windows 10/11, Windows Server 2019

Networking: TCP/IP, DNS, VyOS, pfSense, SMTP, VLANs, Wireshark, HP Aruba, Cisco 3750, Cisco 2811/2901

Internet of Things: AIDC, MQTT, BluetoothLE

Cyberforensics: Autopsy, Steganography, Disk Imaging, OSForensics, Magnet AXIOM

EXPERIENCE

Server Systems Administrator

June 2025 – Present

Epic Systems

Verona, WI

- Manage full production systems for 4 major medical organizations covering 19 hospitals and 618 clinics.
- Provide functional testing and review for security-related code updates.
- Troubleshoot and address critical issues in real time to prevent system outages.
- Perform regular configuration and code updates to maintain system functionality and security.

Front Desk Administrator

August 2024 – May 2025

Bechtel Innovation Design Center

West Lafayette, IN

- Managed employee schedules and center operations with digital tools.
- Assisted students and members with completing projects and navigating the center resources and practices.

PROJECTS

IoT Security Analysis | MQTT, SoC, aircrack-ng, Kali Linux, Penetration Testing

January 2024 – May 2024

- Created a custom smart home IoT device and network using common protocols such as MQTT.
- Conducted penetration testing using readily available tools such as Kali Linux and aircrack-ng.
- Wrote a standard IEEE conference research paper to explain findings.

CERTIFICATIONS

Operational Database Administrator

September 2025

Epic Systems

Verona, WI

- Attended courses and completed practical exams on system administrator processes such as database structure and management, operating procedures, maintenance, and system health monitoring.

Defender 302

October 2022

Purdue cyberTAP

West Lafayette, IN

- Worked with common security tools such as SIEMS, firewalls, and Windows administrator resources to address incident response scenarios in a virtual environment.

EDUCATION

Purdue University

West Lafayette, IN

Bachelor of Science in Cybersecurity

August 2021 – May 2025

- Cumulative GPA of 3.45.
- Earned Dean's List for the Spring 2022, Spring 2023, Spring 2024, and Fall 2024 semesters.
- Earned Semester Honors for the Spring 2022, Spring 2023, and Spring 2024 semesters.