

Steven R. Brown

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EDUCATION

The Pennsylvania State University

University Park, PA

B.S. Cybersecurity Analytics and Operations

May 2025

- Major GPA: 3.83/4.0
- Minors: Security Risk Analysis (SRA) and Information Sciences and Technology (IST).
- Awards: Pennsylvania State University Vice Provost Award, Dean's List Fall 2022, Fall 2023, Spring 2024, and Spring 2025.
- Relevant Courses: Networking & Telecommunications, Security Analytics Studio, Malware Analysis, Information Security Management, and Spatial Analysis of Risk.

RELATED TECHNICAL EXPERIENCE

Digital Cloak LLC

Stafford, VA

Technical Intern

June 2024 - August 2024

- Deployed and configured security-focused infrastructure and services to support secure network operations.
- Designed and trained a locally hosted AI Cybersecurity Compliance Assistant using insights from 150+ regulatory and security documents.
- Supported compliance workflows aligned with NIST SP 800, CMMC, Incident Response (IR), and OSINT best practices.
- Contributed to security monitoring and operational strategies to improve incident visibility and response readiness.

Penn State University College of IST

University, PA

Learning Assistant (Cyber 262 & IST 456)

January 2023 - December 2024

- Led hands-on instruction in network defense, system hardening, and incident response for undergraduate cybersecurity courses.
- Assisted students with Linux systems, virtual machines, and security labs.
- Collaborated with faculty to refine lab exercises to better reflect real-world SOC and enterprise security practices.

Penn State Homecoming Technology Committee

University Park, PA

Technology Captain

Spring 2024 - Fall 2024

- Managed and revamped the Penn State Homecoming website using WordPress and Elementor to integrate new features and improve website functionality.
- Maintained a user-friendly and visually appealing website, ensuring it was up to date with the latest information and events.

Competitive Cyber Security Organization (CCSO)

Fall 2021 - Spring 2025

AG Parts Worldwide Inc.

South Greensburg, PA

Computer Technician

June 2019 - August 2019

- Worked with teardown and developed an understanding of crucial computer hardware components, enabling quicker troubleshooting and assembly.

WORK EXPERIENCE

Men's Wearhouse

State College, PA

Store Lead | Sales Associate Sales Associate

May 2022 - Present

- Lead daily store operations with manager system authorization; supervise associates, coordinate coverage, and support onboarding.
- Deliver high-quality customer service, resolve escalated issues, communicate clearly with customers, and support sales performance.

PROJECT EXPERIENCE

GolfCaddie - Your Personal Golf Assistant:

August 2024 - Present

- Built, designed, and trained an AI-driven decision assistant using retrieval-augmented generation to deliver real-time advice and personalized recommendations. Utilizing PGA rules, swing training documentation, and user personalized selections for the most accurate response possible. GolfCaddie analyzes basic variables like user-specific club distances (yardages), distance to target, pin location, and more to select the best club to use at any time.

Web Design:

Fall 2023 - Present

- Developing and coding professional websites using tools like VS Code, Next.js, and technologies such as HTML, JavaScript, and Tailwind CSS. Designing and maintaining personal portfolio and contributing to websites for organizations, including Penn State Homecoming and Hunters Warehouse.

CloakAI:

August 2024

- Built a locally hosted AI chatbot specializing in cybersecurity compliance and best practices. Integrated 150+ documents covering NIST SP 800, CMMC, IR, and OSINT frameworks. Designed to support analyst decision-making and compliance interpretation without cloud data exposure.

Internship Project:

June 2024 - August 2024

- Collaborated with a team to implement a secure infrastructure for real-time monitoring and analysis of network security events. Contributed to system configuration and operational strategies to enhance incident detection and response capabilities.

DiamondStatTrax:

Fall 2023 - Spring 2024

- Developed and coded a baseball statistics tracking application, enabling users to view, retrieve, and share personal and team performance data. Focused on user-friendly interfaces and database management for seamless data retrieval and analysis.

CERTIFICATIONS

Fortinet Training Institute: Introduction to the Threat Landscape 3.0, Getting Started in Cybersecurity 3.0.

December 2025

NSA IST Certification

May 2025

DOD Mandatory Controlled Unclassified Information Training (CUI)

June 2024

LinkedIn Learning Certifications:

Fall/Spring 2023

- Cybersecurity Awareness: Cloud Security, Cybersecurity Awareness: Cybersecurity Terminology, Cybersecurity: Key Policies and Resources.

SKILLS

Cybersecurity & Systems: Ethical hacking, incident response, network security; SIEM (Splunk, ELK); Linux (Ubuntu, Debian, Raspbian); virtual machine deployment and management; security automation and workflow integration.

Programming Languages: Developed applications and websites using Java, JavaScript, Python, C#, SQL, HTML/CSS, and Tailwind.

Technical Tools & Frameworks: Experienced with VS Code, IntelliJ, WordPress, Next.js, .NET, Vercel; LLM integration, retrieval-augmented generation (RAG), prompt engineering, document ingestion pipelines, vector search.