Steven R. Brown

EDUCATION

The Pennsylvania State University   **University Park, PA**
B.S. Cybersecurity Analytics and Operations   Anticipated: May 2025
- Major GPA: 3.80/4.0
- Minors: Security Risk Analysis (SRA) and Information Systems Technology (IST).
- Awards: Dean's List Spring 2022, Fall 2022, Spring 2023, Fall 2023, and Spring 2024. Pennsylvania State University Vice Provost Award.
- Relevant Courses: Networking and Telecommunications (IST 220), Application Development Design Studio I (IST 261), Cyber-Defense Studio (Cyber 262), Security Analytics Studio (Cyber 362), Malware Analysis (Cyber 366), Information Security Management (IST 456), and Spatial Analysis of Risk (SRA 468).

RELATED TECHNICAL EXPERIENCE

Digital Cloak LLC   **Stafford, VA**
Technical Intern   June 2024 - August 2024
- Acquired practical hands-on experience with tools and services critical for ensuring robust internal network security.
- Collaborated with a team to deploy and configure devices and services, contributing to a seamless and secure infrastructure setup.
- Designed and trained an AI chatbot to streamline cybersecurity compliance processes, incorporating insights from over 150 key documents.

Penn State University College of IST   **State College, PA**
Learning Assistant (Cyber 262 & IST 456)   January 2024 - December 2024
- Guided students through practical exercises in network defense, system hardening, and incident response.
- Provided individualized support to students during office hours, becoming a primary resource for resolving complex lab and coursework challenges.
- Collaborated with course instructors to enhance lab activities by aligning them with industry standards, increasing student preparedness for real-world challenges.

AG Parts   **South Greensburg, PA**
Computer Technician   June 2019 - August 2019
- Developed an understanding of crucial computer hardware components, enabling quicker troubleshooting and assembly.
- Performed teardown, cleaning, and testing of computer hardware, ensuring efficient preparation for reuse or recycling.

Homecoming Technology Committee (Captain)   **Spring 2024** - **Fall 2024**
Competitive Cyber Security Organization (CCSO)   **Fall 2021** - **Present**

WORK EXPERIENCE

Men's Wearhouse   **State College, PA**
Part-Time Sales Associate   May 2022 - Present
- Provide exceptional customer experiences by utilizing sales tools and teamwork strategies to meet individual needs.
- Implementing sales techniques to drive revenue through upselling and creating additional opportunities.
- Mentoring new employees and providing expert guidance on custom suit fittings, ensuring precision and client satisfaction.

The LandTek Group   **Long Island, NY**
Artificial Turf Installer   May 2023 - August 2023
- Prepared and installed artificial turf for high-profile projects, ensuring quality and adherence to deadlines.
- Mentored team members on equipment use and installation techniques, fostering a collaborative work environment.
- Operated, maintained, and fixed construction vehicles and equipment often.

PROJECT EXPERIENCE

CloakAI: **August 2024**
- Designed and trained an Artificial Intelligence (AI) chatbot specializing in cybersecurity compliance and best practices. Integrated insights from over 150 documents, covering frameworks such as NIST SP 800, Cybersecurity Maturity Model Certification (CMMC), Incident Response (IR), and Open-Source Intelligence (OSINT).

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.

Web Design: **Fall 2023** - **Present**
- Developing 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.

DiamondStatTrax: **Fall 2023** - **Spring 2024**
- Developed 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.

Dunkin' Donuts Network Communications: **Fall 2021**
- Led a team in conducting a comprehensive network assessment, configuring security protocols, and designing a network connectivity framework. Delivered actionable recommendations to improve the security and reliability of network infrastructure.

Army National Guard Wi-Fighter Challenge: **Fall 2021**
- Navigated technical challenges including image mounting, targeted file retrieval, and TCP web traffic analysis using VirtualBox. This event sparked my passion for cybersecurity by solving complex tasks in a competitive environment.

CERTIFICATIONS

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.

NSA IST Certification **Fall 2021** - **Present**

SKILLS

Programming Languages:
- Java, JavaScript, HTML, Tailwinds CSS, SQL, C#, and Python.

Technical Tools & Frameworks:
- VS Code, IntelliJ, Virtual Basic, WordPress, Next.js, .NET, Linode.

Cybersecurity & Systems:
- Ethical Hacking, Linux (Ubuntu, Debian, Raspbian), Virtual Machines.