

EDUCATION

TEMPLE UNIVERSITY – Fox School of Business, Philadelphia, PA

Bachelor of Business Administration

Graduation: May 2025

Major: Management Information Systems

Selected Courses: Cloud Architecture, Data & Analytics, Risk Management, Managing Enterprise Cybersecurity, UX Design, Web Application Development, Web Service Programming

TECHNICAL SKILLS

Web Development & Creation: HTML, JavaScript, CSS, WordPress

Penetration Testing: Metasploit, Nmap, Netcat, Kali Linux, Hashcat, Hashdump

Data Analysis & Visualization: SQL, Tableau, Google Apps Script

Programming & Tools: R, Microsoft Office, Google Workspace

Operating Systems & Security: Windows Server, Linux (Kali, Metasploitable2), Password Harvesting

Cloud Architecture & Services: AWS S3, Lambda, VPC, EC2, RDS, API Gateway, IAM

EXPERIENCE

Outside Operations Assistant, OLD YORK ROAD COUNTRY CLUB, Ambler, PA

July 2020 – Present

- Delivered exceptional customer service to over 700 members weekly at a private country club, ensuring a high level of satisfaction.
- Collaborated with a team of 7 coworkers to create and maintain an efficient scheduling system.
- Coordinated tee times daily for 90+ members using ForeTees

Assistant Tennis Professional, MAGARITY TENNIS CLUB, Flourtown, PA

September 2019 – August 2022

- Instructed over 40 children, ages 5-16, in the fundamentals of tennis, fostering a supportive and educational environment.
- Communicated regularly with parents, addressing any concerns and providing updates on the clinic activities.
- Developed/Executed detailed lesson plans for summer camp programs, enhancing the learning experience for 15 students weekly.

ACTIVITIES

Member, Temple Association for Information Systems

September 2022 – Present

PROJECTS

Social Media and Website Manager, *Peaky Golf Tour*

- Web Development: Created/manage a Wix website, embedded HTML and iframe for better user engagement.
- Technical Support: Troubleshoot minor issues such as site updates or frame conflicts, showcasing adaptability and attention to detail

Penetration Testing Lab, *Managing Enterprise Cybersecurity Course*

- Performed black-box penetration testing against a simulated Linux webserver (Humbleify) using Metasploit to exploit UnrealIRCd backdoor for initial shell access
- Conducted privileged escalation to root, extracted and cracked password hashes with Hashcat, and uncovered sensitive files and backdoor mechanisms including an FTP-based shell
- Identified and exploited SQL injection vulnerabilities to bypass authentication and exfiltrate salary records from the web application backend
- Documented all findings in a professional security assessment report tailored for both executives and technical audiences

Exploitation Lab, *Managing Enterprise Cybersecurity Course*

- Performed hands-on penetration testing using Metasploit to exploit known vulnerabilities in Windows and Linux systems (e.g., Icecast, vsftpd, Tomcat, UnrealIRCd).
- Conducted post-exploitation activities including privilege escalation, credential harvesting, keylogging, and Chrome password extraction via Meterpreter.
- Utilized Nmap and service enumeration techniques to identify attack vectors and plan targeted exploits based on service versioning and system configuration.

Inclusive Futures, *Web Service Programming Course*

- Designed SQL-based data models for a job board, ensuring efficient data storage and retrieval of user/job information.
- Developed ETL workflows for data ingestion and transformation, leveraging Lambda and APIs to geolocate job filtering.

Sports Data Analyst, *Danny Rumph Classic*

- Data Collection & Analysis: Designed Google Apps Script automations to consolidate and analyze basketball player stats, reducing data entry time by 50% and increasing accuracy
- Reporting: Implemented advanced formatting rules for data visualization, enabling clear, actionable insights

CERTIFICATIONS

Certified in Cybersecurity, ISC2

August 2024