

Aditya Dindi

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Education

University of Texas at San Antonio, TX | *Bachelor of Business Administration in Cyber Security*

Expected Graduation: May 2025

- Lead Web Application Penetration Tester on the UTSA Cyber Competitions Team
- President and Security+ Mentor at the CompTIA Student Chapter
- Researcher at Army Educational Outreach Program

Experience

Application Security Intern, Paycom

May 2024 - August 2024

- Conducted a comprehensive Blackbox web application security assessment on a custom-built application using the OWASP Top 10 framework, culminating in a detailed professional report that was presented to executive leadership.
- Performed Whitebox Penetration Tests on Paycoms applications under the guidance of full-time security professionals, identifying vulnerabilities and recommending improvements to enhance system security.
- Performed extensive code reviews to identify and resolve security vulnerabilities, focusing on future maintainability and collaborating with an Agile team to implement best practices and design patterns.

Independent Security Researcher

- Discovered improper input sanitization in a Microsoft Products web application, leading to stored Cross-Site Scripting (XSS) and Cross-Site Request Forgery (CSRF) vulnerabilities, which posed a risk of account takeover affecting millions of users.
- Authored a comprehensive report detailing identified vulnerabilities and step-by-step reproduction instructions, ensuring clear communication of security risks and remediation strategies.

Cyber Operations Intern, MITRE

May 2022 - August 2023

- Researched the current state of the Army's Red Team and contributed to a report outlining a 5 year roadmap for the enhancement of the Army's Testing and Evaluation (T&E) capabilities.
- Developed a MITRE ATT&CK Defender™ training course teaching a MITRE ATT&CK Technique and its sub-techniques with detailed Threat Research and Adversary Emulation testing.

Penetration Tester, National Guard Bureau (Contract)

April 2023 - June 2023

- Conducted Penetration Testing for sensitive government web applications, collaborating with cross-functional teams to analyze results, prioritize risks, and develop mitigation strategies.
- Delivered a detailed report outlining findings, identified vulnerabilities, and provided remediation recommendations.

Certifications

- OffSec Certified Professional (OSCP)
- Offsec Web Expert (OSWE) [In-Progress]
- CompTIA Security+

Projects

Automated Cloud Cybersecurity Homelab

- Engineered a robust Cloud Cybersecurity Homelab in AWS (Amazon Web Services) using Terraform, tailored for automated deployment of an attack vs defend range.
- This environment features a Kali Linux attacker machine, a Windows victim machine, and a Security monitoring machine running Ubuntu, equipped with advanced tools like Splunk and Nessus, enabling comprehensive security testing and analysis.

Competitions

Collegiate Penetration Testing Competition (CPTC)

2022 - 2024

- Achieved 1st Place in the CPTC 2023 U.S Central Region competition and proceeded to qualify for the Global Competition.
- Conducted a Full Penetration Test and identified vulnerabilities in a simulated corporate network infrastructure.
- Collaborated with a team to respond to client questions, discovered security gaps, and produced professional reports within tight deadlines, demonstrating both technical and business skills.
- Created and delivered executive-level presentations that effectively communicated complex technical findings and strategic recommendations to non-technical stakeholders, showcasing strong communication and leadership.