

# Anup Tiwari

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## EDUCATION

**The University of Texas at Arlington** | Arlington, TX

May 2023

Bachelor of Science in Information Systems

### Certifications

CompTIA Security+

August 2022 - August 2025

CompTIA CYSA+ (In Progress)

February 2023(Expected)

## PROFESSIONAL EXPERIENCE

**Consulting Engineering Associate**

May 2022 - August 2022

*Heartland Business Systems*

Pewaukee, Wisconsin

- Performed remote and in-person help desk troubleshooting for non-technical personnel as consultant.
- Deployed Microsoft Defender for endpoint in thirty new laptops to reduce attack surface and detect malwares.
- Utilized Microsoft Defender vulnerability Management tools to create security baselines and enable real-time remediation to prevent Data Loss Prevention.
- Enabled Multifactor Authentication to increase user account's security by preventing 99% of password attacks.
- Managed users, computer accounts and licenses in Azure and On-Premises Active Directory.

**Student Technology Assistant**

January 2022 - Present

*The University of Texas at Arlington*

Arlington, Texas

- Enrolled university-owned devices under UTA domain for best security management by centralized control.
- Performed data sanitization by degaussing and wiping to protect university's data and mitigate the risk.
- Increased Endpoint security by encrypting devices and enabling passwords.
- Provided technical support for diagnosing and performing basic software, hardware, and peripheral patches.
- Maintained detailed logs of incidents and ongoing status of devices in Service-Now Management System.

**Peer Academic Leader**

August 2021 - January 2022

*The University of Texas at Arlington*

Arlington, Texas

- Mentored group of 33 freshmen to provide academical and social transition from high school to college.
- Coordinated with professor to execute lesson plans and created study groups to enhance student learning.
- Assessed and documented student's progress using excel and Canvas.

## RELEVANT PROJECT

**Honeypot and Azure Sentinel (SIEM):**

- Created a honeypot in azure with super exposed virtual machines and used PowerShell to extract metadata from Windows Event Viewer to be forwarded to third party API to derive geolocation data.
- Configured log analytics workspace in azure to ingest custom logs containing geographic information as well as configured Azure Sentinel (Microsoft's cloud SIEM) to display global RDP Brute force attack in Map.

## SKILLS

- |   |                                   |
|---|-----------------------------------|
| • Microsoft Azure and Active Directory      | • Python, Java, C, PowerShell     |
| • Vulnerability assessment                  | • Networking                      |
| • Access Controls and Identity management   | • Incident Detection and Response |
| • Intrusion Detection and prevention system | • Endpoint and Network Security   |

## HONORS, AWARDS AND ACTIVITIES

- Dean's list 2021, Maverick Excellence Award
- University of Texas at Arlington Cybersecurity club