# Anup Tiwari

in tiwarianup547   ☐ +1-6822796147   ✉ anup@techtiwari.com   🌐 Portfolio

## EDUCATION

The University Of Texas At Arlington                                    Arlington, Texas
Bachelor of Science in Information Systems

## TECHNICAL EXPERTISE

**Programming Languages:** Python, Java, C
**Tools:** Splunk, Nessus, Wireshark, SolarWinds, OpenVAS
**Skills:** Active Directory, Vulnerability Management, Incident Detection and Response, Endpoint and network security, SIEM, Firewall, Access controls and Identity Management
**Cloud technology:** Microsoft Azure
**Operating Systems:** Windows, MacOS, Linux, iOS, Android

## RELEVANT COURSES

**CyberSecurity**, Database System, Introduction to Python, Java, Computer Networks and Distributed Computing, System Analysis and Design, Operational Management, E-Commerce

## EXPERIENCE

### Information Technology Assistant                                   Jan 2022 - Present
*Human Resources - University of Texas at Arlington*                  Arlington, Texas

- Set up equipment for employee use, performed and ensured proper installation of cables, operating systems, and appropriate software.
- Conferred with non-technical personnel and conducted computer diagnostics to investigate and resolve problems and to provide technical assistance and support; expedited service by 50
- Enrolled university- owned devices in Microsoft Intune for best security management through cloud.
- Performed data sanitization by degaussing and wiping to protect university's data and mitigate the risk.
- Maintained detailed logs of incidents and status of devices in Service-Now Management System.
- Increased Endpoint security by encrypting devices and enabling passwords.

### Consulting Engineering Associate                                  May 2022 - Aug 2022
*Heartland Business systems*                                          Pewaukee, Wisconsin

- Deployed Microsoft 365 Defender and created security baselines to enable real-time monitoring for detection, prevention and investigation of malware and threats across 30+ endpoints.
- Provided technical support for hardware, software, and computing peripherals.
- Performed routine and scheduled maintenance services to help businesses keep running.
- Managed users, computers and licenses in Azure and On-Premises Active Directory.
- Enabled multi-factor authentication that blocks nearly 100 percent of account hacks.
- Responded quickly to meet needs of 60+ non-technical personnel and resolve problems.

### Peer Academic Leader                                              Aug 2021 - Jan 2022
*New Students Courses - University of Texas at Arlington*             Arlington, Texas

- Prepared students for later educational experiences by encouraging them to explore learning opportunities and to persevere with challenging tasks.
- Taught classes and presented self-help and information sessions on subjects related to education and career planning.
- Prepared reports using excel and canvas on students and activities as required by administration.

## PROJECTS

**Honeypot and Azure Sentinel(SIEM)  | 🌐 |** *Azure, Virtual Machine, PowerShell, Event Viewer, Ip-geolocation API, Azure Sentinel*
- 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 and configured Azure Sentinel (Microsoft's cloud SIEM) to display global RDP Brute force attack in Map.

## CERTIFICATIONS/AWARDS

- **CompTIA Security+** Passed in Aug 2022
- **CompTIA CySA+** Expected Feb 2023
- Dean's List: 2019, 2020, 2021,2022
- Recipient of Maverick Academic Scholarship