

Vamsi Kanneganti

Aspiring cybersecurity analyst US citizen with a passion for incident response and threat hunting. Currently building my skills through the use of various projects/labs and certifications.

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EDUCATION

Bachelor of Science in Cybersecurity

Florida International University

December 2023

Miami, FL

- Graduated Cum Laude with a GPA of 3.69
- **Organizations:** Upsilon Pi Epsilon/INIT, National Society of Leadership and Success

Intelligence Community Centers for Academic Excellence (IC CAE)

Intelligence Fellowship Program at Florida International University

June 2023 – May 2024

Miami, FL

The IC-CAE Fellowship fuses Worlds-Ahead academics with mentorship, research experience, and professional development in order to strengthen student competitiveness and improve prospective employment within the U.S. intelligence community (IC) and leading-edge private sector employers.

- Accepted into the Intelligence Fellowship program under the Cyber Threat intelligence track during the 2023-2024 academic year.
- Enrolled in specialized courses such as Cyber Operations and Cybersecurity Threat Intelligence.

Micro-Credential: Intro to Cyber Operations

Florida International University

June 2023 – July 2023

Miami, FL

- Examines and evaluates cyber operations and frameworks, alongside providing an overview of actors operating in cyber space today. The Micro-credential will conclude with a hands-on workshop simulating the MITRE CALDERA Framework.

EXPERIENCE

Cybersecurity Intern

City of Fort Lauderdale

July 2023 – August 2023

Fort Lauderdale, FL

- Conducted a comprehensive audit of the City of Fort Lauderdale's Active Directory infrastructure using ManageEngine's ADManager Plus.
- Generated detailed reports that highlighted areas of potential vulnerabilities and misconfigurations in user permissions, group policies, and other AD objects to recommend actionable improvements to fortify the city's IT infrastructure.
- Collaborated with a multi-disciplinary team of IT professionals to implement security enhancements, ensuring the city's systems remained resilient against potential threats.

Cybersecurity Student Research Intern

Florida International University Applied Research Center

May 2023 – September 2023

Miami, FL

- General research duties to support sponsored research project deliverables as assigned.
- Provide technical assistance for STEM research and contributed ideas to the team.
- Utilize various tools such as Nmap, Metasploit, Hydra, Ettercap and Netcat to test vulnerabilities in server frameworks and network securities.

Cashier / Pharmacy Support

Publix Super Markets

September 2021 – January 2022

Pembroke Pines, FL

- Surveyed the self-checkout registers and guided customers on how to use the SCO machines when requested.
- Operated the SCO mobile device to approve customers for restricted sales and addressed SCO machine technical issues.
- Provided information about all vaccinations by Publix Pharmacy and their eligibility requirements while complying with HIPAA and helped customers sign up for online appointments.

CYBERSECURITY PROJECTS

Microsoft/Azure Sentinel (SIEM)

- Used custom PowerShell script to extract metadata from Windows Event Viewer to be forwarded to third party API to determine geolocation data.
- Configured Log Analysis Workspace in Azure to ingest custom logs containing geolocation data into Custom Fields with the intent of mapping geolocation data in Azure Sentinel.
- Set up Azure Sentinel workbook to display global data (RDP brute force) on a world map sorted by the location and magnitude of attacks.

Active Directory Home Lab

- Using VirtualBox, created an Active Directory using a Windows Server 2019 VM as a Domain Controller and a Windows 10 VM as a client and utilized a PowerShell script to generate 1000 user accounts in the domain.
- Configured DC with two adapters, one external to access internet from home router and one internal set up with NAT, routing and a DHCP scope so client VM users can access the internet and obtain IP addressing through the DC.

CERTIFICATIONS & SKILLS

CompTIA Security+ SY0-701

Adobe Certified Associate in Visual Design Using Adobe Photoshop (CS4)

Programming: Java, Python, C, HTML, CSS, React, PHP, SQL, Bash

Software: MySQL, PostgreSQL, VirtualBox, Wireshark, VS Code, Active Directory, MS Office, Photoshop, Nmap, Metasploit, Hydra, Ettercap, Netcat

Operating Systems: Windows, Linux, macOS

Languages: English, Telugu