Jyothi W.G. Cameron

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EDUCATION

B.S. Cybersecurity (Cyber Defense Concentration)

Saint Leo University. Tampa, FL   May 2023

Relevant Coursework: Software Engineering, Database Structures, Computer Forensics, Risk Management, Access Control and Intrusion Detection Technology, Security Defense Countermeasures.

COMPUTER LANGUAGES AND TOOLS

- **Languages**: C++, Python, JavaScript, SQL
- **Programming, Scripting Tools**: Visual Studio, Git, Bash scripting, PowerShell,
- **Security Tools**: Wireshark, Nmap, Metasploit, Splunk, Nessus, HCL AppScan
- **Windows**: Firewall, Active Directory/Group Policy, LDAP servers
- **Virtualization**: VMware, VirtualBox, Docker

WORK EXPERIENCE

Florida Blue – A division of GuideWell Mutual Holding Corporation   Jacksonville, FL

Cyber Security Intern III - Web App Specialist   August 2022–Present

- Added functionality to internal React.js web app to examine AD/LDAP statuses for custom APIs.
  - Implemented CSV exporting for logging.
- Utilized HCL AppScan to enable execution of recurring DAST scans.
  - Created scripts that link with AppScan API to produce metrics such as scan failure rate, prevalent failure types, and logs of historical scan data for future process improvements.
  - Documented Standard Operating Procedures for accessing and modifying scan data.
- Monitored in-house Agile application development processes to facilitate secure REST implementation across internal APIs by determining both app maturity and intended use.
- Aided in the development of scripts to automate Privileged Access Management tasks such as checking in/out bulk test accounts and viewing relevant account data for reporting.

Florida Blue – A division of GuideWell Mutual Holding Corporation   Jacksonville, FL

Cyber Security Intern III   May 2022–August 2022

- Rebuilt a legacy VBA tool from scratch using Python to automate Security System Admin tasks while enabling more secure execution and future functionality by incorporating both modern libraries and reinforced error checking.
  - Created a GUI that generated PowerShell, batch, and LDAP scripts to add application IDs and group policy information to AD and LDAP servers for use dev environments.
  - Implemented dense user input checking using regex and logic to prevent misconfigurations from passing to the generated scripts and affecting the server.
  - Utilized Git to store the tool's source code in the Organization's repository and track changes and issues during development, along with writing full documentation for its use.

CERTIFICATIONS AND HONORS

- Eagle Scout Award

U.S. Citizen