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Education

Mar Gregorios College

Bachelor of Computer Application(BCA)

Jun. 2021 – Jun 2024

Chennai, TamilNadu

Projects

Result Scraper | *Python, Selenium, Soup*

October 2023

- Developed a custom web scraper using Python, Selenium, and BeautifulSoup to automate the extraction of student results from university websites.
- Utilized Selenium to create an automated browsing instance, interacting with the web pages and navigating through dynamic content.
- Employed BeautifulSoup to parse and extract relevant data from the HTML structure of university result pages.
- Exported the scraped student result data to CSV format, allowing for easy storage, analysis, and reporting.

OWASP RiskAssess | *HTML, CSS, JavaScript*

September 2023

- Designed and implemented a web-based OWASP Risk Calculator application using HTML, CSS, and JavaScript, facilitating security risk assessments.
- Implemented interactive features for real-time risk analysis, allowing users to assess and mitigate security risks efficiently.
- Utilized Chart.js to create dynamic charts for visualizing threat agent and vulnerability factors, enhancing risk assessment capabilities.

VirusTotal Analyzer | *Python, Hashlib, VirusTotalAPI*

September 2023

- The script integrates with the VirusTotal API to assess the safety of a file. It computes the MD5 hash of the file's content and queries the API for a comprehensive report.
- Upon execution, the script fetches a report from VirusTotal, including information from various antivirus engines. It presents this information in a structured and human-readable JSON format.
- The script leverages VirusTotal's extensive network of antivirus vendors, providing a thorough analysis of file safety by cross-referencing results from multiple industry-leading antivirus engines.

Technical Skills

Languages: Python, HTML/CSS, SQL, JavaScript(Learning)

Tools: Wireshark, Nmap, Metasploit, Splunk, Hydra, John the Ripper

Technologies: Windows Active Directory, Iptables, Crontab, MITRE, OWASP Top 10, NIST Cybersecurity Framework

Networking: TCP/IP, DNS, SSH, SSL/TLS, FTP, HTTP/HTTPS, ICMP

Operating Systems: Kali/Ubuntu Linux, Windows, macOS

Certifications

- Google Cybersecurity Professional Certificate
- Fortinet NSE 1 Network Security Associate
- TryHackMe Advent of Cybersecurity 2022
- Splunk Security Operations and Defence Analyst
- Introduction to Splunk
- EC-Council Ethical Hacking Essentials
- Cisco Introduction to Cybersecurity