

Gabriel E. Sestieri

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GitHub: <https://github.com/GabrielSestieri>

TryHackMe: <https://tryhackme.com/p/MindOfNoNation>

EDUCATION

Bachelor of Science, Information Science

University of Maryland College Park

Graduation December, 2021

College Park, MD

- Semester Academic Honors Fall 2020-Fall 2021; 3.54/4.00 Major GPA
- Member of UMD CSEC – Cybersecurity club

PROFESSIONAL EXPERIENCE

Software Developer Intern

SpiralSoft

June 2021 – August 2021

Tel Aviv, Israel

- Designed, developed, and built two web scraping scripts that scraped the Google Play Store and LinkedIn for marketing and recruitment purposes.
- Used the automated testing framework Selenium extensively to achieve the desired product.
- Created a GUI for both scripts using Tkinter to provide the product in a digestible way to non-technical employees.
- Created a new opportunity for the team to save time on recruitment and marketing process.

Data Science Intern

Washington Suburban Transit Commission

Feb 2021 – May 2021

College Park, MD

- Acted as the data analyst on a team of five members.
- Examined the impact of the COVID-19 pandemic on the ridership levels of the local transit providers in the Washington Suburban Transit District, consisting of Montgomery and Prince George's counties by identifying passenger trends during the pandemic as compared to pre-pandemic levels.
- Used OpenRefine and Python to clean, wrangle, and analyze the data provided. Created Jupyter Notebooks to help create visualizations and scripts that allowed us to fulfill our clients request.
- Enabled the WSTC to avoid the need to hire a professional Data Analyst team amounting to thousands of dollars saved.

Data Scientist

DataChallenge at the University of Maryland's iSchool

Feb 2021 – Feb 2021

College Park, MD

- Winner of Best Expression of Results Award
- Used an API created by The University of Maryland and Carnegie Mellon University in collaboration with Facebook Data for Good to create an analysis of COVID Symptoms and Survey indicators based on the Schengen Region of Europe where borders are open to travel.
- Built a program that calls the API in a series of loops, collecting survey results by date and storing them in a single CSV file. Using this file, created another program that created individual CSV files for each country specified.
- Using the multiple CSV files as data, wrote several scripts that plotted the data using Matplotlib, showcasing the results in various ways that enabled us to analyze as a whole or compare several countries.

SELF-TAUGHT EXPERIENCE

TryHackMe

- Completed almost all learning paths on TryHackMe; Currently working on finishing the "Cyber Defense" and "Offensive Pentesting" paths. **Ranked in the top 1% of all TryHackMe members (5,118/838,356).**

CTFs

- Participated in several Capture the Flags such as HackTheBox's CyberApocalypse2021, Hackerone's Hacktivity, and IT Nation Secure's Let The Nightmare Begin.

HomeLab

- Built and set up a Windows PC to act as a virtual homelab. Connected two Windows Server 2019 VMs to VMWare that act as the Domain Controller and Windows Admin Center. Set up Active Directory, DHCP, and DNS and populated the AD environment with several OUs, Users, and Groups. Implemented some GPOs and then connected a Windows 10 VM to act as whatever user I log in as. I plan to continue building this homelab and include several other virtual machines that'll act as a firewall (pfsense), a VPN server (OpenVPN), a SIEM server, and a vulnerability scanner. Using GNS3 I will then create a separate network that will connect all of the machines. This will then allow me to begin simulating attack and defense on the newly created network.

Certifications

- Currently enrolled and working towards the CompTIA certifications: Network+, Security+
- Will then study for the eJPT as I work towards being able to take the OSCP.

LANGUAGES, SKILLS & INTERESTS

- Languages:** English (Fluent), French (Fluent), Italian (Fluent Speaking), Hebrew (Fluent)
- Skills:** Python OOP; C; SQL; Active Directory; VMWare; Linux; Kali Linux; Networking; Bash; Cybersecurity Policy and Decision Making; Systems Architectures; Type 85 words per minute; avid problem solver; adaptable; work ethic; time management; open-minded.
- Interests:** 8-years snowboarding; German Shephard; cybersecurity; humanitarianism; national/international/Middle East politics; weightlifting, running; reading; traveling.