Elijah Gartrell

DC-Virginia | 917-200-5612 | egart002@odu.edu | www.linkedin.com/in/elijah-gartrell-8aa628230

Emerging Information Security Professional

An eager student with a proactive attitude and strong work ethic that can contribute to the day-to-day operations of any cybersecurity workplace, especially if offered a suitable position in a cybersecurity organization. Interested particularly in intelligence, international cyber relations, AI, AML, and Blockchain. **NSF Scholarship for Service Scholar Recipient**

Education

Bachelor of Science in Cybersecurity, Minor in French | Expected May 2025
Old Dominion University | Norfolk, Virginia, USA | 3.26 GPA

Relevant coursework: Computer Literacy: Communication and Information; Basic Cybersecurity Programming and Networking; Cybersecurity Fundamentals; Redhat Linux Administration; Network Security; Object-Oriented Programming(Python); Blockchain in Cybersecurity; Network/Server Configuration & Admin

Skills Snapshot

- Certifications: AWS Cloud Practitioner: C01 September 14th 2023 | CompTIA Security+: SY0-601 October 6th 2023
- Programming/Scripting Languages: Python
- Security Frameworks: Familiarity with NIST 800-53, NIST RMF, MITRE ATT&CK, MITRE ATLAS
- Tools & Software: Kali Linux, Nmap, AML, Armitage, Wireshark, Oracle VM

Professional Experience

VICEROY MAVENS | *Griffiss Institute* | June 2023 – August 2023 | Rome, NY
- Researched in depth on Virtual Reality(VR) systems and conducted an information flow analysis for the given VR systems. I made a graphical representation on the information flow analysis and concluded where the most vulnerable parts of the VR information flow
- Distinguished Graduate: voted between Staff & Interns to be among top 6 of our cohort of interns.

Cyber Futures Intern | MITRE | June 2022 – August 2022 | Mclean, Virginia
- Built a plug-in for the NIST sponsored Dioptra ML testbench which enables ML practitioners to quickly experiment and gather measurements on adversarial datasets. I incorporated MITRE ATLAS/ NIST Risk Management Framework/ and Berryville Institute for Machine Learning frameworks to the project.
- I researched and wrote a white paper on the threat landscape of Adversarial ML focusing on autonomous vehicles which guided the architecture of the plug-in, which was presented policy & ML experts at MITRE & NIST.

Undergraduate Researcher | *Old Dominion CCNI Labs* | January 2023 – Aug 2023 | Norfolk, Virginia
- Working under the Cybersecurity in Shipbuilding Industry Data Science + Risk Analytics Approach project.

▪ I leveraged data science techniques such as: Text Mining & Data Cleaning within Python to work within the Advisen Cyber Loss Dataset. Applied the Security Engineering Risk Analysis Framework to Shipbuilding & Maritime events within the dataset.

Undergraduate Researcher | *COVA CCI* | January 2022 – Present | Norfolk, Virginia
▪ Undergraduate
Research: Blockchain Implementation within: Malware Detection, Voting Polls, & Hospital Records.
I coded smart contracts in solidity for implementation within hospital databases. Researched
published with the title of: The Future of Blockchain.
▪ Innovate Cyber Challenge: Designed a web application called CyberGarden in order to help K-5 to understand Cyber Risk + Cyber Hygiene.

Community & School Activities

Ambassador| Blacks in Cybersecurity | Fall 2022 – Present | *Norfolk, Virginia, USA* ▪ Network of community in Cybersecurity, Ambassador for the Hampton Roads Chapter of the organization

Participant | William & Mary/ NATO Case Competition | 2021-2023 | *Norfolk, Virginia, USA* ▪ Developed Solutions for the current international cybersecurity conflicts around the world ▪ Work is published in NATO's journal

Volunteer | S.T.E.A.M Afterschool Program | January 2023 – Present | *Norfolk, Virginia, USA*
▪ Teaching grade school students K-6, S.T.E.M and Cybersecurity basics