Daniella Boulos

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EDUCATION

Marist University, Poughkeepsie, NY   May 2025, expected
Bachelor of Science
Major: Cybersecurity | Minors: Computer Science, Information Systems & Technology
Awards & Scholarships: Christopher Peter Cybulski Memorial Scholarship (Aug 2024-May 2025), Marist University Merit Scholarship (Aug 2021-May 2025), Introduction to Business and Management Award (Dec 2021)

CONTINUING EDUCATION

William Paterson University, Wayne, NJ   July 2020
Game Design, Summer Course
- Developed two online games, through coding, programming, image design

Girls Who Code, Online   July 2020
Summer Immersion Program
- Created and designed a website on the impacts and benefits of music on mental health

EXPERIENCE

Mac Malware Detection Capstone Project, Poughkeepsie, NY   Aug 2024 - Present
Researcher
- Ran various Backdoor malware from ObjectiveSee and TheZoo Github Repository on a secure system to collect samples which were then analyzed in Spritetree and converted to .csv files
- Implemented KNN Machine Learning algorithm to detect the difference between benign and malicious malware, and achieved a 90% success rate in identifying malicious files
- Presented project at the Mid Hudson Valley Tech Meet conference in Annandale-On-Hudson, NY (Nov 2024)

Holiday Bowl, Oakland, NJ   April 2023 - Present
Desk Associate / Party Host
- Manage register, computer game system, and open/close facility
- Sanitize bowling shoes, maintain a clean facility, and ensure safe play
- Host parties, ensuring everyone stays safe while enjoying their experience

Kali Linux Lab, Poughkeepsie, NY   Aug 2023 - Dec 2023
Student Researcher
- Connected Kali Linux VM to Metasploitable VM to simulate an attack and defense on the Metasploitable VM
- Installed pfSense and Nessus on Kali Linux then identified and exploited a vulnerability in the VNC Server
- After the defense was implemented, the attack was tested again and failed, to verify the successful defense

Avis Budget Group, Parsippany, NJ   June 2023 - Aug 2023
Information Technology Intern
- Connected IDE to AWS to write Python code, such as queries to pull information from a Pinpoint segment allowing the results to be saved in an S3 bucket
- Co-leader of the Communications team for our Capstone project, *Drive to Do Good*, which raised $900 in donations and collected 160 cleaning supplies for *Habitat for Humanity*

LEADERSHIP EXPERIENCE

Vice President, *Marist University Residence Hall Association*   Sept 2024 - Present
Member, *Marist University Cybersecurity Club*   Sept 2024 - Present
Secretary, *Marist University Residence Hall Association*   Sept 2023 - May 2024
Teacher's Assistant, *Introduction to Programming*   Aug 2023 - Dec 2023
Vice President, *Marist University Residence Hall Council*   Sept 2022 - May 2023

SKILLS AND ABILITIES

VMware, VirtualBox, Virtual Machines, Nessus, Linux (Ubuntu, Kali Linux), Nmap, Metasploit, Paraben's E3, Cisco Packet Tracer, SpriteTree, Jupyter Notebook, K-Nearest Neighbors, Python, HTML, MySQL, JavaScript, CSS, Microsoft Office and Google Product Suite