

# 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), nominated for Mid Hudson Valley IEEE Capstone Project Award (March 2025)

## CONTINUING EDUCATION

**William Paterson University**, Wayne, NJ July 2020  
*Game Design*, Summer Course

- Developed two online games, through coding, programming, and graphic 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

## 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

## EXPERIENCE

**Researcher**, *Mac Malware Detection Capstone Project*, Poughkeepsie, NY Aug 2024 - Present

- Executed 50+ Trojan malware samples from ObjectiveSee and TheZoo Github Repository on a secure system 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)

**Desk Associate / Party Host**, *Holiday Bowl*, Oakland, NJ April 2023 - Present

- Operate POS system, computer game system, and open/close facility
- Host parties, ensure safe play, and maintain a clean facility

**Student Researcher**, *Kali Linux Lab*, Poughkeepsie, NY Aug 2023 - Dec 2023

- Configured virtual environment using Kali Linux and Metasploitable to simulate a cyber attack and defense
- Deployed security tools (pfSense, Nessus) to identify and exploit a vulnerability in the VNC server
- Implemented defense, retested the attack, and verified the successful defense

**Information Technology Intern**, *Avis Budget Group*, Parsippany, NJ June 2023 - Aug 2023

- 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-led the Communications team for our Capstone project, *Drive to Do Good*, raising \$900 in donations and collecting 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