

# 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

*Team Lead*

- Ran various Backdoor malware from ObjectiveSee and TheZoo Github Repository on a secure system to collect samples which were then analyzed in Spritree 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

**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*

**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

## 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