

# TERELL REED

☎ 301-332-4084 · ✉ [terellebony@gmail.com](mailto:terellebony@gmail.com) · 🌐 [Portfolio](#) · 🔗 [LinkedIn](#) · 🐙 [GitHub](#)

## PROFESSIONAL SUMMARY

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Senior Computer Science and Cybersecurity student with expertise in endpoint detection and response (EDR), threat detection, and vulnerability analysis. Seeking to leverage strong technical background and security certifications to contribute to society.

## CORE COMPETENCIES

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- **Security Expertise:** Threat Detection & Response, Penetration Testing, Vulnerability Assessment, Incident Response
- **Technical Proficiency:** Python, C++, Java, PowerShell, Machine Learning, Cloud Security
- **Professional Certifications:** CompTIA Security+ (SY0-601), CompTIA Network+ (N10-008), CCNA (200-301), Cisco CCT (100-490)

## EDUCATION

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| <b>Bachelor of Science in Computer Science, Morgan State University</b><br><i>Cybersecurity Concentration • GPA: 3.6 • Dean's List • Early Graduate Program</i> | Expected 2025 |
| <b>Prince George's Community College (Dual Enrollment)</b><br><i>Computer Science &amp; Cybersecurity • GPA: 4.0 • Dean's List</i>                              | 2020-2022     |

## PROFESSIONAL EXPERIENCE

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| <b>Cyber Futures Intern, MITRE</b><br><i>McLean, Virginia</i>   | May - August 2024        |
| <ul style="list-style-type: none"><li>◦ Engineered advanced cybersecurity solutions that reduced attack surface by 35% through threat-based engineering and reverse engineering techniques</li><li>◦ Optimized large language model performance by 40% for offensive cyber operations, resulting in faster threat detection</li><li>◦ Architected JSON data parsing solution that streamlined integration with security analysis platforms, increasing efficiency by 25%</li><li>◦ Implemented MITRE ATT&amp;CK framework that enhanced threat detection capabilities, leading to identification of previously undetected vulnerabilities</li></ul> |                          |
| <b>Undergraduate Research Assistant, Morgan State University</b><br><i>Mentor: Dr. Paul Wang (Chair of Computer Science Department)</i>   | January 2023 - Present   |
| <ul style="list-style-type: none"><li>◦ Spearheaded \$5.5M Jeff Bezos BlocPower Project, developing ETL software that successfully processed over 10,000 data points using JavaScript SDK</li><li>◦ Invented NyxRelief, an innovative stress management solution that achieved 85% effectiveness rate using machine learning and Nao6 robot programming</li><li>◦ Established and led 12 technical workshops on UI design and Unity development, resulting in 30% increase in student participation</li><li>◦ Pioneered AI security solutions that detected 95% of simulated threats using custom machine learning algorithms</li></ul>             |                          |
| <b>Programming Instructor, Codebears</b><br><i>Baltimore, Maryland</i>  | November - December 2023 |
| <ul style="list-style-type: none"><li>◦ Developed and delivered engaging curriculum that increased student comprehension of programming concepts by 40%</li><li>◦ Created interactive learning modules that received 95% positive feedback from students and parents</li></ul>  |                          |

- Designed age-appropriate programming exercises that resulted in 85% of students successfully completing their final projects

**Undergraduate Research Assistant, University of Florida**

May - August 2023

*DREU/SURF Scholar*

- Led 5-person team in developing augmented reality application that enhanced semiconductor education for over 200 students
- Integrated complex semiconductor concepts using Unity and Vuforia, resulting in 75% improvement in student comprehension
- Implemented machine learning algorithms that provided real-time feedback with 90% accuracy on user interactions

## **LEADERSHIP & SERVICE**

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- Led MSU Google Developer Student Club as Treasurer (2022-Present), increasing membership by 35% and organizing 8 major campus events
- Spearheaded MorganHacks Operations Team, coordinating logistics for 200+ participant hackathon with 15 industry sponsors
- Orchestrated Baltimore community initiatives through Kappa Alpha Psi Fraternity Inc., impacting over 500 local residents
- Developed and facilitated professional development workshops that enhanced career readiness for 75+ undergraduate students

## **AWARDS & RECOGNITION**

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- Selected from 500+ applicants for prestigious SANS/DRAGOS Diversity Scholarship (2024)
- Awarded competitive research grant as DREU/SURF Scholar for advanced cybersecurity research (2023)
- Secured 2nd Place in CodeLinc Hackathon among 50 competing teams for innovative security solution
- Received American Airlines Black Enterprise Hackathon's Best Technical Solution award from panel of industry experts
- Awarded Troy E Quinn Grant by Clara I Adams Honors College for academic excellence (2022)