Terell Reed

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OBJECTIVE

An experienced software engineer and cybersecurity specialist with a strong foundation backed by IT certifications. As a proactive freelancer and researcher, I am passionate about driving change within my community and leveraging innovative technologies to create solutions that benefit society.

EDUCATION

Bachelor of Science in Computer Science, Morgan State University   Expected 2025 **(Early Grad)**
GPA: 3.6 [Dean's List]
Prince George's Community College (H.S Dual Enrolled)   2020 - 2022
GPA: 4.0

SKILLS

Technical Skills	Python, Security, Network Analysis, OpenCV, HTML, JSON, Node.js, Web Dev., JavaScript,
Certifications	**CCNA**, CCT, **CompTIA Sec+, Net +, Cloud**, Pearson ITS- Cybersec
Relevant Coursework	**DSA**, Digital Logic, OOP, Data Science, **Data Analytics**, **Cybersecurity**, Game Dev

WORK EXPERIENCE

Undergraduate Research Assistant @ MSU   Jan 2023 - Present
Mentor: Dr. Paul Wang (Chair of CS Dept.), Dr. Naja Mack, Baltimore, MD

- **Jeff Bezos** BlocPower Project: Created ETL software using Inrupt's **JavaScript** SDK and PodSpaces to extract, transform, and load data from open building sources to Solid Pod for **analysis** and research demos.
- NyxRelief: Created a robotic experience that will revolutionize stress management for college students through **machine learning** using **Nao6 robot** with **Python**.
- Developing **artificial intelligence, virtual reality, and mobile applications** using frontend and backend technologies.

Cyber Futures Intern @ MITRE   Jun 2024 - August 2024
Mentor: Kyle Hair, McLean, VA

- Developed cybersecurity solutions with a focus on threat-based engineering and reverse engineering to address challenges posed by government sponsors.
- Implemented security measures using intelligence-grade tools, contributing to capstone projects, and enhancing **large language model (LLM) performance for offensive cyber operations (OCO).**

Instructor/ Mentor @ Codebears   Nov. - Dec. 2023
Morgan State University, Codebears, Baltimore, MD

- **Taught elementary and middle school students** the basics of computer science, focusing on Python programming and game development, including hands-on activities to reinforce coding skills.

Undergraduate Research Assistant @ UF   May. - Aug 2023
DREU/SURF Scholar — University of Florida - Gainesville, FL
Director: Dr. Jeremy M. Waisome

- (Team lead) Designed an **augmented reality** application for **semiconductor processes**, with AI capabilities, to provide students access to learning processes in this field regardless of their circumstances.

EXTRA-CURRICULAR ACTIVITIES

Kappa Alpha Psi Fraternity Inc., Member of Black in AI, Black Cybersecurity Association, National Society of Black Engineers (**NSBE**), **ColorStack**, Society for the Advancement of Computer Science (SACS), and Affiliate of Women in Computer Science (WiCS)

ACHIEVEMENTS

- SANS/DRAGOS Diversity **Scholarship** - 2024
- MSUF **Scholarship** - 2023
- CMD-IT/ACM Richard Tapia **Scholarship** - 2023
- DREU/SURF **Scholar** - 2023
- STARS AI **Scholar** - 2023
- **2nd Place**, CodeLinc **Hackathon** - 2023
- **2nd Place**, Gener8tor Winners, **Hackathon** - 2023
- **3rd Place**, MorganHacks **Hackathon** - 2023
- **Best Technical Solution**, American Airlines **Black Enterprise Hackathon** - 2023
- Troy E Quinn **Grant** Awarded by Clara I Adams Honors College - 2022

POSITIONS OF RESPONSIBILITY

- **Treasurer** of MSU Google Developer Student Club (GDSC) 2022 - Present
- **Operations Team Member** of MorganHacks 2024
- **Communication Manager** of Morgan TechFest 2024
- **Community Service Chair** of MSU Google Developer Student Club (GDSC) 2022 - 2023