Makendra L. Crosby

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Education:

Old Dominion University (ODU), Norfolk, VA   *Expected Graduation Date: May 2026*
Master of Science in Data Science &Analytics
Concentration: Artificial Intelligence & Machine Learning

Old Dominion University (ODU), Norfolk, VA   August 2022-December 2024
Bachelor of Science with Departmental Honors in Computer Science
Minor: Cybersecurity

Camp Community College (CCC), Franklin, VA   August 2020-May 2022
Associate of Arts and Sciences in General Studies
(Dual enrolled during high school)

Technical Skills:

- *Languages:* C/C#/C++, Python, HTML, CSS, SQL, LaTex
- *Version Control:* Git, GitHub
- *Development Tools:* Visual Studio Code (VSCode), Google Colab, Jupyter Notebook
- *Project Management Tools*: Jira, OpenProject, ClickUp
- *Virtualization Tools:* VMware, VirtualBox
- *Network & Security Tools:* Wireshark, John the Ripper, Nmap, Metasploit, Aircrack-ng
- *Microsoft Office Applications:* Word, Excel, PowerPoint, Outlook
- *Google Suite:* Doc, Sheets, Slides
- *Operating Systems:* Windows, macOS, Linux/Unix

Work Experience:

Old Dominion University, Norfolk, VA: January 2024-April 2024
Cyber Risk Management Specialist/Mini-Consultant

- Collaborated with seven other students to establish a pilot cybersecurity clinic aimed at supporting local government and small businesses in Hampton Roads.
- Assisted in developing the structure and framework of the clinic to ensure it effectively addresses cybersecurity challenges faced by organizations in the area.
- Learned the concept Design Thinking to empathize with the needs of each organization, define specific cybersecurity concerns, ideate innovate solutions, and refine strategies based on feedback.

Startfield, Inc., Baltimore, MD (Remote):   June 2023-September 2023
Cybersecurity Specialist Intern

- Reviewed, updated, and finalized presentation decks for the YouthWorks program using Canva, ensuring clear and visually appealing content.
- Educated middle and high school students on the field of cybersecurity through interactive workshops and presentations.
- Developed guidelines for the YouthWorks cybersecurity public service announcement team project, providing direction and standards for middle and high school students.

Information Related Capabilities LLC, Norfolk, VA: June 2023-August 2023
System Administrator

- Actively participated in staff meetings on data and information security, listening and engaging in discussions on relevant topics.
- Regularly met with the network administrator to expand knowledge in IT and cybersecurity, covering areas like network infrastructure and the OSI model.
- Engaged in hands-on activities such as building and repairing network and Ethernet cables as well as gained valuable insights by observing and exploring the server room, familiarizing myself with server operations and physical infrastructure.

Additional Experience:
- Cybersecurity Apprentice (March 2023-May 2023)
- Cybersecurity Analyst Intern (May 2023-August 2023)
- Cybersecurity Living-Learning Community Peer Mentor (August 2023-May 2024)
- Cybersecurity Mentor (November 2023-January 2024)
- Cybersecurity Impact Learning Community Peer Mentor (August 2024-December 2024)

Projects:
- **Personal Name Extractor** – Created a tool that uses natural language processing (NLP) to find and organize names from text input and documents through data extraction. *Technologies Used*: Java, CLI, VisualStudio Code, Git/GitHub, OpenProject (Project Management)
- **CyberSense** – Worked as part of the frontend team to develop a website for a web application focused on helping small business owners with their cybersecurity posture. *Technologies Used*: HTML/CSS, JavaScript, Python (Django), React.js, VisualStudio Code, Git/GitHub, Jira (Project Management)

Publications:
- **COVA CCI Cybersecurity Undergraduate Research Program** –
Crosby, Makendra Latrice, "The Underrepresentation of Black Females in Cybersecurity" (2023). *Cybersecurity Undergraduate Research Showcase*. 2.
https://digitalcommons.odu.edu/covacci-undergraduateresearch/2023fall/projects/2

Involvement:
- National Society of Leadership and Success (NSLS), CCC, 2021
- Phi Theta Kappa (PTK) Honors Society, CCC, 2022
- Patricia & Douglas Perry Honors College, ODU, 2022
- Alpha Kappa Alpha Sorority, Incorporated, ODU, 2023
- Society of Women Engineers (SWE), ODU, 2023
- Women's Initiative Network (WIN), ODU, 2023
- Fellowship of Women in Science (FWIS), ODU, 2023
- Cybersecurity Student Association (CS2A), ODU, 2024
- Women in Cybersecurity (WiCys), ODU, 2024
- Blacks in Cyber/Cybersecurity (BIC), ODU, 2024
- Order of Omega Greek Honors Society, ODU, 2024
- Phi Sigma Rho National STEM Sorority, ODU, 2024

Community Service:
- Volunteer, ODU Monarch Pantry, Oct 2023-Present
- Volunteer, ODU Summer Student Counselor, August 2023

Awards:
- Department of Defense (DoD) Smart Scholarship-for-Service Program, April 2024
- African American Leadership Society (AALS) STEM Scholarship, June 2022
- Early College Scholar, Virginia Department of Education (VDOE), June 2022

Relevant Coursework:
Calculus, Linear Algebra, Statistics, Computational Methods and Software, Cybersecurity Fundamentals, Cybersecurity Technique and Operations, Data Structures and Algorithms, Honors Database Concepts, Honors Intro to Networks and Communications, Honors Principles and Practice of Cyber Defense, Honors Theoretical Computer Science, Intro to Discrete Structures, Intro to Software Engineering, Object-Oriented Design and Programming, Operating Systems, Principles of Programming Languages