Ndivhuwo Maluleke

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Secure software is not built in a day. It is the result of consistent practice and attention to detail throughout the software development lifecycle. With my passion for using technology to improve my community at large, I am prepared to accelerate my career in cybersecurity and software engineering. My dedication to excellence and innovation drives me to contribute significantly to the future of secure and resilient technology

"Security is always excessive until it's not enough." — Robbie Sinclair

EDUCATION

University of the Western Cape   Cape Town, Western Cape
Postgraduate diploma in E-Skills(Immersive Skills)   Feb 2024 - Present
- Programming Languages: C#(.NET)
- Development: Unity, 3ds Max
- Focus Areas: Project Management | Agile Methodology | Mobile-Application Development | AR/VR development | Software Engineering

University of the Western Cape   Cape Town, Western Cape
BSc. Computer Science   Mar 2021 - Dec 2023
- Programming Languages: Python, Java, C
- Databases: MySQL
- Focus areas: Object Oriented Programming | Data Structures | Algorithm |Agile Methodology | Databases | Computer Networks | Project Management | Business Analysis | Operating systems | Computer Architecture | Machine Learning | Artificial Intelligence | Discrete Mathematics | Linear Algebra | Vector Calculus

WORK EXPERIENCE

Sagea - Quantify your future

Intern   Jan 2023 - Feb 2023

- Collaborated in a group of six members to execute data projects for FirstRand, Absa, and Nedbank.
- Provided tailored data solutions for client objectives and challenges through framing, exploration, interpretation, modelling, and visualisation.
- Presented data findings and actionable recommendations to clients, utilising clear and concise presentations to guide decision-making.
- Developed critical skills such as critical thinking, creativity, collaboration, and communication through team-based projects.
- Participated in regular team meetings to track project progress, share insights, and ensure efficient workflow.
- Demonstrated adaptability and flexibility in addressing client needs and project requirements.

University of the Western Cape

Tutor   Feb 2022 - Nov 2023

- Facilitate comprehensive tutorial sessions for 25-35 students, providing guidance and support to foster a deeper understanding of course material.
- Evaluate and grade assignments to provide constructive feedback for student improvement.
- Conduct consultations to address students' queries and concerns, using an engaging approach to create a conducive learning environment for a diverse group of students.

SKILLS

- Programming: Java | C#(.NET) | Python | JavaScript | HTML & CSS| React.js | Node.js | Git
- Technical: MySQL | Unity | 3ds max | Octave
- Soft Skills: Problem-Solving | Teamwork | Critical thinking

LEADERSHIP AND AWARDS

2023: 9/12 CHALLENGE(Team Leader) - CyberSecurity Competition

- Collaborated with team members to develop innovative strategies for mitigating cyber threats, resulting in a 3rd place finish in the competition and recognition for outstanding teamwork.
- Utilised expert knowledge of cybersecurity policies and practices to provide actionable recommendations for protecting private-sector entities from cyber attacks.

2023: Volunteer for the UWC's Women in Tech Society, University of the Western Cape

- Instructed and mentored a group of 23 female participants in the Women in Tech Society on coding languages such as HTML and CSS.
- Collaborated with a team of volunteers and organisers to create a comprehensive coding curriculum for the program that ensured more than 80% of participants were able to complete the final project.
- Provided personalised assistance and support to participants facing challenges.

2022 - Present: Multichoice group bursary

2022 - Golden Key Honours Society

INTERESTS

Reading, Dancing, Skating, Design, and Artificial intelligence

Transcripts, references and other relevant documentation are available upon request.