

# Zolile Tibane

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## PROFILE

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As an ambitious undergrad student, I earned a BSc in Computer Science from the University of the Western Cape, and I am now pursuing an honours degree. I am fueled by a strong motivation to deliver tangible results and my academic journey has honed my passion for learning and adaptability to diverse environments. Possessing exceptional communication and presentation skills, I excel in collaborating with individuals and groups from various backgrounds. My ambition is to contribute to the 4th Industrial Revolution, leveraging my skills for positive impact. Being a black woman, I bring a unique perspective and diverse experiences, enhancing the team's creativity and problem-solving capabilities. Committed to excellence and driven by a deep passion for technology, I am ready to tackle challenges and offer valuable contributions that will undoubtedly benefit any collaborative endeavor.

## CORE SKILLS

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- **Languages:** English(fluent), Northern Sotho(fluent), isiZulu(fluent)
- **Coding skills:** Python, Java, HTML, CSS.
- **UI prototyping:** Proficient in using UI prototyping tools such as Figma and Justinmind to demonstrate the design and functionality of a product.
- **Computer Networking Concepts:** OSI model, LAN/WAN protocols, TCP/IP, routing, subnetting, etc.
- **Microsoft:** Proficient in Word and PowerPoint. Novice in Excel.
- **Remote collaboration tools:** I excel in the proficient utilization of remote collaboration tools like Zoom, Google Meet, and Trello, ensuring streamlined remote collaboration, effective project management, and seamless teamwork.
- **Teamwork and collaboration**
- **Problem Solving:** Completed a course on Problem Solving Using Computational Thinking
- **Presentation skills:** Proficient in delivering compelling presentations using PowerPoint to articulate ideas and concepts effectively. Proven ability to engage and captivate audiences, enhancing communication and fostering understanding.
- **Public speaking:** I was part of a public speaking club that excelled in competitions.

# EDUCATION

<b>University of the Western Cape   Cape Town</b> <i>BSc (4 year) Computer Science – <u>Graduate</u></i> <b>Allen Glen High School   Johannesburg</b> <i>Bachelor's pass</i>	<b>February 2020 – Present</b>  <b>January 2015 – November 2019</b>
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# EXPERIENCE

<b>Physics Tutor   University of the Western Cape</b>	<b>May 2022- Present</b>
<ul style="list-style-type: none"><li>• In my role, I am responsible for providing extensive support to second-year students in the extended physics program. My main goal is to help them truly understand the subject by going beyond simple answers and exploring the complexities of the topics. Additionally, I enjoy assisting high school students by guiding them in problem-solving techniques and introducing them to the basics of coding. Through these efforts, my aim is to inspire and empower the younger generation to pursue academic exploration and develop technological proficiency.</li></ul>	
<b>Math Club Executive Media Officer   University of the Western Cape</b>	<b>August 2022- April 2023</b>
<ul style="list-style-type: none"><li>• My role involved using different types of media to promote fundraisers, community outreach initiatives, and events. Additionally, I was responsible for increasing awareness and understanding of the math club's mission, vision, and culture. By implementing strategic communication strategies, my objective was to actively involve the community and generate interest in the club's activities and objectives.</li></ul>	
<b>Software Developer Intern   Ace the Academia</b>	<b>July 2023-September 2023</b>
<ul style="list-style-type: none"><li>• As a software developer intern, my role involved enhancing the front end of the website using HTML and CSS. I was responsible for improving its aesthetics and proposing functional enhancements. I rapidly acquired new skills, ensured website integrity, and submitted daily progress reports, contributing significantly to the project and gaining valuable experience.</li></ul>	

# VOLUNTEERING

**Break Through Ministries International | Cape Town**

- My task was to assist in taking care of children under the age of 12, ensuring their safety and teaching them valuable lessons that they can apply to their lives.
- I have gained leadership and creativity skills from my volunteer work.
- Approximately 40 children are kept out of the streets, gang violence and negative influences.

## PROFESSIONAL CERTIFICATES

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### **Problem Solving Using Computational Thinking**

– University of Michigan

*Online Certificate*

### **Computer Networking**

*Online Certificate – Great Learning*

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### **GitHub Tutorial for Beginners**

*Online Certificate – Great Learning*

## REFERENCES AVAILABLE ON REQUEST