

# Ntokozo Ntshangase

Honours Student

Durban, Kwa-Zulu Natal

[LinkedIn](#)

[Email](#)

[Google Site](#)

[GitHub](#)

(+27) 61 466 9056

## Career Objective

Driven by curiosity and a passion for using technology to inspire innovation and uplift communities, I am a Computer Science graduate currently awaiting my results for my Postgraduate Diploma in e-Skills. I thrive on exploring creative solutions to complex challenges and have strong technical skills and problem-solving abilities. I am eager to embrace new responsibilities that foster growth and enhance my skill set.

## Education

### University of the Western Cape

Postgraduate Diploma in E-Skills (Feb 2024 - Current)

- **Project:** Developing a proof-of-concept AR application for the Slave Lodge Museum to enhance visitor experience, implementing gamification
- **Programming Language(s):** C#
- **Skills:** Project Management, Android mobile game development, Software Engineering, Augmented/Virtual Reality application development, 3D Modeling, 2D modeling

### University of the Western Cape

Bachelor of Science: Computer Science (Feb 2021 - Dec 2023)

- **Group Project/Capstone:** Developed a web-based clothing application, utilizing HTML, CSS, and JavaScript for the frontend
- **Programming Language(s):** Java, Python, C, C++, R, SAS
- **Skills:** Algorithms, Programming, Problem Solving, Data Structures, Architectures, Operating Systems, Computer Networks, Machine Learning, Human Computer Interaction, Software Engineering, Database Systems, Artificial Intelligence, Statistical Computing and Data Visualization, Design Thinking, Agile Project Management, Enterprise Architecture and Infrastructure Management

### Curro Hillcrest High School

Matric Certificate (2020)

- **Project:** Developed a Java-based music application that allowed users to create and manipulate playlists, artists, music information using APIs to connect NetBeans to and Access database, incorporating Object-Oriented Programming (OOP) principles such as classes, inheritance, and encapsulation while using SQL to manipulate data in the database (CRUD)
- **Programming Language(s):** Java, SQL

## Skills

- **Technical skills:** Unity3D, Photoshop CS6, 3ds Max, NetBeans
- **Web Technologies:** HTML, CSS, JavaScript
- **Soft Skills:** Strategic Thinking, Problem-Solving and Decision-Making, Entrepreneurial Mindset, Teamwork and Collaboration, Communication, Project Management, Sustainable Development Integration

## Achievement

- Completed the Eternal Joy Church small group leadership course

## Interests

- Physical Fitness
- Football
- Musical Instruments
- Gaming