

TUMELO SEBOTHOMA

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SUMMARY

Multimedia developer and advanced computer science student with a solid background in digital media, interactive systems, and software engineering. I have a strong commitment to using clean code, cutting-edge technology, and immersive experiences to build meaningful, useful solutions. I work best in cooperative settings where I can use my abilities to take on challenging tasks and contribute to innovative ideas.

WORK EXPERIENCE

TUT 4IR lab

2024- Present

- Multimedia Developer currently developing a Unity-based virtual reality project that showcases the historic Marabastad. I am also continuously enhancing my skills through self-paced online learning on platforms such as Udemy, with a focus on mastering tools like Blender and Unity.

A2SV Hackathon 2024 - AI for Impact 2023-2024

2023-2024

- Developed an AI solution to enhance road safety by analyzing and improving driver behavior. Advancing to the Semi-finals, we refined our project with expert guidance, gaining valuable experience in AI/ML, real-time data processing, and team collaboration.

Tshwane University of Technology 2022 - 2023

2022 - 2023

- Multimedia Developer Created a multimedia application using Java to demonstrate Advanced Object-Oriented Programming (AOP) principles and User Interface Design. Designed a dynamic website for a class project to exhibit skills in HTML, CSS, and JavaScript, Node.js and React

EDUCATION

TSHWANE UNIVERSITY OF TECHNOLOGY, PRETORIA

2025 - in progress 2026

- Advanced Dip(Computer Science)

TSHWANE UNIVERSITY OF TECHNOLOGY, PRETORIA

2022 - GRADUATED 2025

- Dip (Multimedia Computing)

TIPFUXENI SECONDARY SCHOOL, PRETORIA

2017 - 2021

- National Senior Certificate

ADDITIONAL INFORMATION

- **Expertise :**Machine learning ,Games Programming,Advanced Object-Oriented Programming (AOP),Software Development,Multimedia Applications,Web & Interactive Media
- **Languages:** English, Setswana (Fluent), Pedi
- **Skills Summary:** Java, Python,Kotlin, JavaScript React, Node.js, Full-Stack Development Motion Graphics, Visual Effects, 3D Modelling, Sound Design Unity, Game Programming,HTML, CSS, JavaScript ,Data Science & AI Fundamental