SIMAMKELE NKQAYINI

BSC IN COMPUTER SCIENCE AND PHYSICS

CONTACT

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SKILLS

- Game Engines & Tools (Unity, PlayCanvas)
- Python(Libraries like NumPy, Pandas, Matplotlib.)
- **Languages(** JAVASCRIPT, JAVA, C++)
- **Web Technologies(**HTML, CSS,REACT.JS,NODE.JS)
- **DatabaseManagement(**MySQL, Firebase,MangoDB)
- Microsoft Security (SC-900, SC-300, AZ-104)
- **SDLC and Agile Project Management.**

LANGUAGES

- English (Fluent)
- Xhosa (Fluent)

REFERENCE

HOD FOR CSC: MR DYAKALASHE
Phone: 0794902548

PROFILE

BSc graduate in Computer Science and Physics (2023) with practical experience in game development (Unity, PlayCanvas), software and web development (React.js, Node.js, Java, Python), and data analysis (Excel, Pandas, SQL). Certified in SDLC, Agile, and Microsoft Security (SC-900, SC-300, AZ-104). Skilled in project coordination, API integration, and building secure, user-focused tech solutions.

WORK EXPERIENCE

Student Tutor   **2023**
-Duties:
- Conducting lab session with hands-on experiments, Assist with data analysis and interpretation.
- Grading lab reports and providing feeback, keeping lab clean and organised.
- Ensuring safety during lab activities

Bootcamp(6months)   **August 2024 - 2025 January**
CapaCiTi, UVU Africa
- Developed a personal Portfolio Webpage usng HTML ,CSS & Javascript.
- Worked on Data Analysis Project using **Python**, **Excel**, **Jupite**r **Notebook**
- worked on a full-Stack Website.
- Built a Simple REST with advanced Javascript and Node.js.
- Developed a Single Page Application using Reacty basics.

Game Developer Intern
Vetkoek Studios | Remote | 2025 – Present
- **Built a 3D first-person horror maze game using PlayCanvas and JavaScript, with features like random item placement, proximity-based audio, and dynamic lighting.**
- **Developed smaller games including an endless runner and Flappy Bird clone using Unity (C#).**
- **Used GitHub for version control and collaborated with team members through Discord.**

EDUCATION

University Of Forthare (UFH)   **2023**

Bachelor of Science in Computer Science and Physics

Vulindlela Senior Secondary School
Grade10-Grade12
                                                                  2016 - 2018