

# NHLAYISEKO DIVINE HLUNGWANI

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GITHUB | LINKEDIN |

## EDUCATION

TSHWANE UNIVERSITY OF TECHNOLOGY

COMPUTER SCIENCE DIPLOMA

Percentage: 80%

January 2023 - June 2026

Mpumalanga, South Africa

IBHONGO PRIMARY SCHOOL

COMPUTER SCIENCE NATIONAL SENIOR CERTIFICATE

Percentage: 100%

JANUARY 2020 - November 2020

Gauteng, South Africa

COGNITIVE CLASS

DATA SCIENCE

Percentage: 100%

September 2025 - September 2025

Toronto, Ontario(Remote)

## SKILLS

PROGRAMMING LANGUAGES

Java, Python, JavaScript, html, css

LIBRARIES/FRAMEWORKS

Node.js, javascript

TOOLS / PLATFORMS

github, vs code, pycharm, netbeans

DATABASES

MySQL, Oracle, Sql, PostgreSQL

## PROJECTS / OPEN-SOURCE

TIMEZONE | [LINK](#)

Java

Java-based Time Conversion & Localization Tool Designed and developed a modular Java application that dynamically converts time across global zones with precision and speed. Integrated intuitive UI components and robust backend logic to handle daylight saving shifts, locale-specific formats, and user-defined presets. This project streamlined scheduling for remote teams and impacted over X users post-launch. Emphasized clean architecture, scalability, and real-world applicability.

CRECHE-REGISTRATION | [LINK](#)

Java

Built a secure, user-friendly desktop application for managing creche admissions and child records. Implemented form validation, database integration (MySQL), and role-based access to streamline registration workflows. Designed with modular architecture for scalability and future enhancements like attendance tracking and fee management

A.I-DOCUMENT-READER | [LINK](#)

JavaScript, Python, HTML

Developed an intelligent assistant that reads academic notes aloud using text-to-speech synthesis. Combined Pythons speech libraries with a JavaScript/HTML interface for seamless user interaction. Supports multiple document formats and languages, enabling hands-free learning and accessibility for visually impaired users.

MESSAGE\_ENCRYPTER | [LINK](#)

Java

Engineered a lightweight encryption utility with a sleek Swing-based interface. Enables users to encrypt/decrypt messages and files using custom keys, ensuring data confidentiality. Prioritized simplicity, speed, and security ideal for students, freelancers, and small teams needing quick protection without complex setups.

## CERTIFICATIONS

- DATA SCIENCE 101 - COGNITIVECLASS.AI