

Mathoma Street, Mukula, Thohoyandou
Email: phumumatshaya@gmail.com
Cell: +27 79 631 5320

RESUME OF MATSHAYA PHUMUDZO



Full Names:	Matshaya Phumudzo
Gender:	Male
Date Of Birth:	2006- August- 29 th
Email:	phumumatshaya@gmail.com
Contacts:	+27 79 631 5320
Nationality:	South Africa
GitHub:	github.com/Phumudzo2006
Language:	English, Tshivenda

PROFESSIONAL SUMMARY

Motivated BSc Mathematics and Computer Science student with a strong foundation in programming, data structures, mathematics, and machine learning. Experienced building complete software solutions including smart city systems, transport route optimization tools, queue management systems, and Qt-based GUI applications.

EDUCATION

University of South Africa (UNISA)

BSc in Mathematics & Computer Science (2023 – Present)

Credits Earned: 168 | **Majors:** Computer Science, Mathematics

SKILLS BREAKDOWN

- **Programming Languages:** C++ (Advanced), Python, HTML5, CSS3, JavaScript
- **Frameworks & Tools:** Qt Creator, Git, GitHub, VS Code, code::blocks, known for quickly learning new technologies.
- **Core Competencies:** Object-Oriented Programming (OOP), Data Structures & Algorithms, responsive Web Design, consistently achieving high academic results.
- **Mathematical proficiency:** Linear Algebra, Calculus, Discrete Mathematics, Numerical Methods.

PROJECTS

- **Smart City Route Management System (C++)**
Shortest path routing, real-time updates, graph algorithms
- **Transport Connectivity in Southern Africa (C++)**
Models country-to-country links, route optimization, cost analysis
- **Public Transport Queue System (C++)**
Queue simulation, boarding logic, real-time updates
- **Qt-Based Library Management System (C++)**
GUI app with book search, borrow/return, data storage

Portfolio Website [[Phumudzo.dev](https://phumudzo2006.github.io/Phumudzo.dev/)]

- <https://phumudzo2006.github.io/Phumudzo.dev/> (about to be hosted live soon)
- HTML/CSS/JS, fully responsive, client-ready

ACHIEVEMENTS

- **Distinction in COS2611** (Programming Data Structures),
- **Distinction in COS2614** (Programming: Contemporary Concepts)
- **Distinction in EUP1501** (Ethical Information Management)
- Valid **Driver's License** (Obtained February 2026)
- Strong self-learning record