

Felix Mandyme

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EDUCATION

Belgium Campus ITiversity

Bachelor of Computing

Kempton Park, Gauteng

Expected Graduation, 2026

- **Specialization:** Software Engineering
- **Coursework:** Data Structures & Algorithms, Programming, Machine Learning, Object-Oriented Programming, Web Development, Linear Programming, Database Development & Agile Methodologies

University of Mpumalanga

Bachelor of Agriculture

Nelspruit, Mpumalanga

Graduated, May 2022

- **Specialization:** Agriculture Extension and Rural Resource Management
- **Coursework:** Soil Classification, Situation Analysis, Land Use Planning, Group Dynamics, Plant Propagation

EXPERIENCE

Glucose

Apprentice Software Engineer

Sandton, Gauteng

Jan 2025 – Present

- Participate in the Geeks4Learning Phase to develop foundational skills in mobile development through training sessions and coursework.
- Transition into practical application at Glucose, contributing to software development teams and gaining hands-on experience.

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Tuck-shop Manager

Kempton Park, Gauteng

Feb 2024 – Dec 2024

- Used linear programming to optimize business operations.
- Maintained accurate records of sales, expenses, and stock levels, prepared reports to identify areas for improvement, and provided a welcoming and positive customer environment.
- Improved operational efficiency, enhanced decision-making through data-driven insights, and increased customer satisfaction through friendly and speedy service.

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Peer Tutor

Kempton Park, Gauteng

Feb 2023 – Dec 2023

- Facilitated student learning and supported academic success.
- Clarified specific course content and promoted the use of effective study strategies tailored to individual student needs.
- Improved student comprehension of course material, enhanced study habits, and boosted overall academic performance.

ACTIVITIES AND LEADERSHIP

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Penn State Culture and Leadership Exchange Programme

Pretoria, Gauteng

Jan 2024 – Apr 2024

- Collaborated with international students from Penn State University on a hydroponics project, fostering cross-cultural understanding.
- Developed strong teamwork and communication skills within a diverse group setting.
- Gained valuable insights into cultural dimensions, individualism, and collectivism.
- Contributed to the project by designing and implementing sensor systems using Node-Red, Arduino Uno, and MQTT for data processing.

SKILLS

Programming Languages: C#, Kotlin, Java, Python, JavaScript, HTML/CSS

Tools: Android Studio, IntelliJ, Apache NetBeans, Visual Studio, Google Colab, Git, Visual Studio Code

Databases: Microsoft SQL Server, MongoDB, PostgreSQL