

Felix Mandyme

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EDUCATION

Belgium Campus ITversity

Bachelor of Computing

Kempton Park, Gauteng

Expected Graduation, May 2026

- **Specializations:** 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

- **Specializations:** 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.

Belgium Campus ITversity

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.

Belgium Campus ITversity

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

Belgium Campus ITversity

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