

## Mekayla X. Moyikwa

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Portfolio: <https://mikaiera.github.io/MekaylaX-CV/> • Randfontein, 1759 • mekaylaxm@gmail.com • +27 81 551 0757

### Education

#### North West University (NWU)

Potchefstroom

Bsc, Information Technology

Feb 2023 – Dec 2025

- **Relevant Coursework:** *Programming (Python, Java, C/C++, C#, .NET), Data Structures & Algorithms, Discrete Mathematics, Descriptive Statistics, Artificial Intelligence, Systems Analysis & Design, Data Analytics & Visualisation, Networking, Information Security, Accounting & Business Management, Databases & Advanced Databases, Operating Systems, IT Developments, Decision Support Systems, Problem Solving For Managers.*
- **Key Projects:**
  - Text Messenger App: C# • Firebase • Real-time cloud messaging • Authentication, message structuring
  - E-Commerce Management System: Python • Flask • SQL Server • matplotlib • Bootstrap • Inventory system for comic retailer • Automated sales reports
  - Banking Database System: SQL • Oracle

#### UniCollege

Krugersdorp

It, Programming

Feb 2022 – Nov 2022

- **Relevant Coursework:** *HTML and CSS (ITS OD 301), JavaScript (ITS OD 302), Python (ITS OD 303), Software Development (ITS OD 305), HTML5 Application Development (ITS OD 306), Artificial Intelligence (ITS OD 307), Computational Thinking (ITS OD), Databases (ITS SSA), Customer Service and Management, Robotics, Azure Dev Ops*
- **Certification:**
  - IT Specialist – Software Development ([https://www.credly.com/badges/de27b5aa-e522-4ef3-81b5-0ee661c1f6d3/public\\_url](https://www.credly.com/badges/de27b5aa-e522-4ef3-81b5-0ee661c1f6d3/public_url))
  - IT Specialist – JavaScript ([https://www.credly.com/badges/9bec8702-5df6-4e21-8ce4-2bf249085d1d/public\\_url](https://www.credly.com/badges/9bec8702-5df6-4e21-8ce4-2bf249085d1d/public_url))
  - Distinction in Customer Service and Management
- **Key Projects:**
  - 4WD Obstacle-Avoidance Robot: C++ • Arduino UNO • Ultrasonic Sensors • Autonomous 4WD robot • Real-time obstacle detection
  - Pokémon API Explorer: JavaScript • REST API • HTML/CSS • Public API integration • 150+ Pokémon display with pagination

#### Randfontein Highschool

Randfontein

Jan 2017 – Dec 2021

- **Subjects:** English Home Language, Afrikaans FAL, Life Orientation, Geography, Mathematics, Physical Science, Life Sciences
- **Achievements:**
  - Academic Half Colours x2
  - Certificate of Merit: English
  - Certificate of Excellence: Life Orientation

GPA South Africa: 3.0

### Skills & Interests

**Technical:** Python, JavaScript, Java

**Language:** English (Native), Afrikaans (Native), Xhosa (Conversational)

**Tools:** Git, Linux, Windows, Arduino

**Strengths:** Written Communication, Continuous Learning, Management & Collaboration, Innovative Problem Solving

**Interests:** Gaming and Game Development, Creative Writing, Full-Stack Development, Logical Puzzles (Chess, Sudoku)