

# Curriculum Vitae

## Sonele Sodo

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### PERSONAL STATEMENT

I am passionate about data engineering, data warehousing, and machine learning, I specialize in building scalable data pipelines and deploying AI-driven models. With knowledge in ETL, cloud platforms, and big data workflows, I thrive on transforming raw data into actionable insights. Constantly exploring new trends, I am driven to create efficient, data-powered solutions.

### EDUCATION

Bachelor of Science, Honours (Computer Science and Information Technology degree) [2025 - 2025]

- North-West University, Potchefstroom
- Relevant coursework: Databases, Data Warehousing, Artificial Intelligence and Decision Support Systems
- Research Project: *Exploring Kolmogorov-Arnold Neural Networks: A Novel Approach for Credit Card Fraud Detection*

Bachelor of Science (Information Technology) [2022 - 2024]

- North-West University, Potchefstroom
- Relevant coursework: Databases, Artificial Intelligence, Data Analytics, Discrete Mathematics,

National Senior Certificate [2017 - 2021]

- Frans Du Toit, Phalaborwa Limpopo

## EXPERIENCE

Student Assistant at NWU (August 2023 – November 2023) Potchefstroom

- Assistant for User Interface Programming module at the NWU
- Assisted students during their practical's and theory classes.
- Assisted lecturer with marking

Student Assistant at NWU (July 2024 – October 2024) Potchefstroom

- Assistant for Data Structures and Algorithms module at NWU
- Assisted students with practical's
- Assisted lecturer with marking

Student Assistant at NWU (Feb 2025 – May 2025) Potchefstroom

- Assistant for Artificial Intelligence module at NWU
- Assisted students with practical's
- Assisted lecturer with marking

## SKILLS

### Technical skills

Programming: Python, Java, C#

SQL & database management: PostgreSQL, MySQL, NoSQL

Cloud computing: Azure

Machine learning: TensorFlow

### Transferable skills

Communication

Collaboration

Flexibility

Persistence

## **AWARDS AND ACHIEVEMENTS**

- Golden Key Southern Africa Member (February 2023 – present)
- Merit bursary obtained at NWU
- 80% Average throughout university

## **MORE INFORMATION**

LinkedIn: <https://www.linkedin.com/in/sonele-sodo-530b16257/>

Website: [https://master2204or.github.io/Virtual\\_CV/](https://master2204or.github.io/Virtual_CV/)

GitHub: <https://github.com/Master2204OR?tab=repositories>

