

# Itumeleng Ronald Jr Modikoe

## Entry-Level Data Scientist

✉ itumodikoe22@gmail.com    ☎ 0671724201    🔗 [linkedin.com/in/itumeleng-modikoe-127b21347](https://www.linkedin.com/in/itumeleng-modikoe-127b21347)

🐙 [github.com/iModikoe](https://github.com/iModikoe)

### Profile

---

Motivated Data Science student with a solid foundation in data analytics, cloud technologies, and business intelligence, supported by industry-recognized certifications. Skilled in programming, mathematics, and analytical problem-solving, with hands-on experience tutoring and mentoring peers to achieve academic excellence.

Proven leadership and collaboration skills developed through student representation roles and mentoring, with a strong passion for leveraging data to uncover insights and drive strategic decisions. Committed to contributing value through data-driven solutions and continuous learning in a dynamic team environment.

### Education

---

**Bachelor of Computing: Data Science**, Belgium Campus iTversity

01/2023 – Present  
Pretoria, South Africa

**High School**, RW Fick Senior Secondary School

01/2018 – 12/2022  
JHB South, South Africa

### Technical Skills

---

#### Programming

Python, C#, JavaScript, SQL, HTML, CSS

#### Data Science

Machine Learning, Data Visualization, Data Cleaning, Statistical Analysis, Database Development, Data Analysis & Manipulation

#### Other Skills

Operations Research, Linear Programming, Cloud Computing

#### Tools & Platforms

Power BI, Talend, Anaconda, Scikit-learn, PyCharm, Pandas, NumPy, R Studio, Oracle (SQL Plus), MS SQL Server, Visual Studio, Visual Studio Code

#### Database Development

ERD Design, T-SQL, Stored Procedures, Triggers, ETL Processes

Certifications

---

- IBM Data Science Professional Certificate [↗](#)
- AWS Cloud Practitioner Essentials [↗](#)
- Data Analytics Essentials [↗](#)
- IBM Data Analyst Professional Certificate [↗](#)
- Introduction To Data Science [↗](#)
- The Data Science Course: The Complete Data Science Bootcamp 2025 [↗](#)
- Mastering SQL Server 2016 Integration Services (SSIS) - Part 1 [↗](#)

Projects

---

Paws Haven Animal Shelter Database [↗](#)

Developed a SQL Server database for Paws Haven to manage staff, animals, adoptions, and medical records. Included ERD, 3NF normalization, T-SQL scripts, views, procedures, triggers, and user roles.

EcoTrade Sustainability Insights Dashboard – Power BI Solutions [↗](#)

Built a Power BI dashboard for EcoTrade to analyze sustainability, customer behavior, and product performance using data modeling, DAX KPIs, interactive visuals, and Role-Level Security for strategic insights

E-Commerce API Backend [↗](#)

Built a secure RESTful API using Express.js and MongoDB for an e-commerce platform. Features modules for products, users, orders, payments, reviews, and more, with rate limiting, CORS, and robust error handling.

Oracle Legacy Bookstore Database [↗](#)

A legacy bookstore database using DBF files, likely designed for Oracle integration. Includes schema files for books and authors, plus Oracle config data ideal for exploring or migrating old data to modern systems.

Soft Skills

---

- |                                 |                                       |
|---------------------------------|---------------------------------------|
| • Communication & Collaboration | • Problem Solving & Critical Thinking |
| • Conflict Resolution           | • Adaptability                        |
| • Leadership & Team Management  | • Mentorship                          |
| • Professionalism               | • Time Management                     |

Extracurricular Activities

---

Belgium Campus iTversity, Peer Tutor	02/2024 – Present
Belgium Campus iTversity, Residence Representative	02/2024 – 12/2024
Belgium Campus iTversity, Student Representative Council	02/2024 – 12/2024
Belgium Campus iTversity Soccer Team, Captain	02/2023 – 12/2024

Interests

---

- |                         |                           |                        |
|-------------------------|---------------------------|------------------------|
| • Machine Learning & AI | • Tech Blogs and Podcasts | • Open-Source Projects |
| • Creative Writing      |                           |                        |