Zeid **Ombotimbe**

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SKILLS

PROGRAMMING LANGUAGES: Python, Julia, Java, C++, SQL (TSQL, PostgreSQL)
DATA ANALYSIS & VISUALIZATION TOOLS: Pandas, NumPy, SciPy, Matplotlib, Seaborn, Plotly, Streamlit, Spreadsheets, Jupyter, Tableau, D3.js, Microsoft Power BI
MACHINE LEARNING & STATISTICS: Regression Analysis, A/B Testing, Experimental Design, Decision Trees, Gradient Boosting (XGBoost), Scikit-Learn, Large Language Models (LLM)
CLOUD & DATA ENGINEERING: Git, Azure, Snowflake, BigQuery, Airflow
SOFT SKILLS: Collaboration, Results-Oriented, Proactive Execution

EXPERIENCE

SKOLKOVO INSTITUTE OF SCIENCE AND TECHNOLOGY (SKOLTECH) —

Participant, Innovation Workshop (through the Gorchakov Foundation's InterRussia STEM Specialists Fellowship) | Sept 2025, Moscow, Russia
- Collaborated with an interdisciplinary team to design and prototype a quadcopter-based drone equipped with computer vision to deter bird strikes at airports.
Conducted market research, field testing, and technical presentations to faculty and industry experts, receiving recognition for innovation and technical feasibility.

PERASUS |Data Consulting, Insurance & Banking Solutions, Retail
Data Scientist - Data Intelligence & Analytics, Jul 2024 – Aug 2025, Bamako, Mali
Data Analytics, Azure Data Pipelines, Interactive Dashboards, ETL Automation
- Orange Mali: Built real-time analytics on millions of daily mobile money transactions using Azure & Snowflake, providing operational insights and ensuring system reliability.
- Sunu Assurance: Modernized claims processing by migrating from legacy SQL to Snowflake, enabling faster fraud detection and automated Power BI reporting.
- Coccinelle: Developed and maintained an executive Streamlit platform tracking sales/inventory across 14 locations, replacing manual reports with dynamic visualizations for data-driven decisions.
- Automated financial reporting via ETL pipelines (Azure Data Factory, PySpark), reducing manual workload while improving data accuracy for Orange Mali
- Risk Modeling: Engineered a customizable risk-scoring tool (Python, XGBoost) that identified high-fraud-probability claims, improving detection efficiency by 25% for Acrisure South Africa.

DATA CREATIVE | **SQL, and Power BI Training**
Instructor | Jan 2023 – May 2023, Remote
Technical Training, Data Analytics, and Professional Development
- Delivered interactive, live training sessions in SQL, and Power BI to over 60 learners, including beginners, intermediates, and advanced corporate and early-career professionals, achieving an average instructor rating of 4.7 stars across three courses.
- Designed and facilitated hands-on, real-world exercises and modern course materials tailored to diverse audiences, enhancing participants' practical skills in data analysis, querying, and visualization.
- Collaborated with the Data Creative team to refine curriculum and ensure alignment with industry standards, contributing to the success of a hands-on, expert-led training model.

A2SV (Africa to Silicon Valley)| **Algorithmic Problem-Solving**
Program Participant | Nov 2022 – Nov 2023, Remote
Non profit Tech Education Initiative
- Achieved a significant rise in my competitive programming ranking by mastering advanced algorithms through daily practice and weekly contests in a selective, intensive training program for top African engineering students.

EDUCATION

UNIVERSITY OF THE PEOPLE
*Bachelor of Science (B.S.), **Computer Science***
Expected Aug 2026 | Pasadena, CA
CGPA: 3.29/4.0

CERTIFICATIONS & AWARDS

InteRussia STEM Specialists Fellowship (The Gorchakov Foundation)
Selected international fellow; 4-week Innovation Workshop at Skoltech focused on interdisciplinary prototyping and applied research | Sept 2025 | Moscow, Russia

Applied Data Science Lab Certificate
Advanced training in applied data science and machine learning through eight industry-focused projects | WorldQuant University | January 2025 | Online
Google Advanced Data Analytics Certificate
A comprehensive program covering machine learning, data cleaning, visualization, and statistical analysis to solve real-world problems | Google | December 2024 | Online via Coursera
Data Skills for All (DS4A) certificate
Completion of an 8-week program preparing fellows for data-driven roles, Awarded Outstanding Community Citizenship for significant contributions to the learning, growth, and community culture of the DS4A Program | Correlation One | December 2023 | Online

COURSEWORK

Data Structures & Algorithms
Applied Statistics
Linear Algebra
Differential Equations
Data Mining
Discrete Mathematics
English Composition
Calculus 1 & 2

LANGUAGES
English, French, a bit of Russian

INTERESTS

Traveling • Fitness • Nutrition • Horses • Open-source • Self-improvement