

Zeid Ombotimbe

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SKILLS

PROGRAMMING LANGUAGES | Java • Python • Julia • SQL (TSQL, PostgreSQL) • NoSQL, LLM

DATA ANALYSIS AND VISUALIZATION TOOLS | Pandas • NumPy • SciPy • Matplotlib • Seaborn • Plotly • Streamlit • Excel • Jupyter • Tableau • D3.js • Microsoft Power BI

MACHINE LEARNING AND STATISTICAL TECHNIQUES | Regression Analysis • A/B Testing • Experimental Design • Decision Trees and Gradient Boosting (XGBoost) • Scikit Learn

CLOUD AND DATA ENGINEERING | Git • Azure • Snowflakes • BigQuery • Airflow

SOFT SKILLS | Team player • Bias for action • Deliver results

EXPERIENCE

PERASUS | Data Consulting, Insurance & Banking Solutions, Retail

Data Scientist - Data Intelligence & Analytics, Jul 2024 – Present

Data Analytics, Azure Data Pipelines, Interactive Dashboards, ETL Automation

- For Orange Mali (Orange Money): Developed real-time transaction analytics systems using Azure Data Pipelines and Snowflake, processing millions of daily mobile money transactions to provide operational insights while ensuring system reliability.
- For Sunu Assurance: Modernized claims processing by migrating from legacy SQL to Snowflake-powered analytics, enabling faster fraud detection and automated reporting through Power BI dashboards.
- For Coccinelle (Retail Chain): Designed an executive Streamlit analytics platform tracking sales and inventory across 14 locations, replacing manual reports with dynamic visualizations for data-driven decision making.
- Across Clients: Automated financial and operational reporting by developing ETL pipelines in Azure (Data Factory, PySpark), reducing manual workload while improving data accuracy for banking and insurance partners.
- For Insurance & Banking Clients: Created customizable risk-scoring tools (Python, Plotly) that allowed business teams to simulate different fraud detection thresholds and optimize their strategies.

DATA CREATIVE | SQL, and Power BI Training

Instructor | Jan 2021 – 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 2023 – 2024, Remote

Non profit Tech Education Initiative

- Selected among top African engineering students for intensive competitive programming and algorithmic problem-solving training
- Learned advanced concepts including dynamic programming, graph theory, and system design through daily practice and mentorship
- Improved Codeforces/LeetCode ranking through structured training and weekly contests
- Collaborated with peers on team programming challenges, enhancing both technical and teamwork skills

EDUCATION

UNIVERSITY OF THE PEOPLE

B.S., Computer Science

September 2023 | Pasadena, CA

CGPA: 3.32/4.0

CERTIFICATIONS & AWARDS

Data Skills for All (DS4A) certificate

Completion of an 8-week program preparing fellows for data-driven roles | Correlation One | December 2023 | Online

Outstanding Community Citizenship

Awarded for significant contributions to the learning, growth, and community culture of the DS4A Program | Correlation One | December 2023 | 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

Applied Data Science Lab Certificate

Advanced training in applied data science and machine learning through eight industry-focused projects | WorldQuant University | January 2025 | Online

COURSEWORK

Data Structures & Algorithms

Applied Statistics

Linear Algebra

Differential Equations

Data Mining

Discrete Mathematics

English Composition

Calculus 1 & 2

INTERESTS

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