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Github : <https://github.com/armeltokalo>

Portfolio : <https://armeltokalo.github.io/tokalo-portfolio/>

Language

English

Spanish (basic)

French

Interests

Read Sport Dance Travel Music

Reference

Nicolas CHEIMANOFF

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TOKALO BI TOKALO ARMEL

ENGINEERING STUDENT IN INDUSTRIAL MANAGEMENT

About Me

As a student in Industrial Management specializing in Data Science at EMINES – School of Industrial Management (Mohammed VI Polytechnic University), I am driven by analytical rigor and a strong interest in advanced modeling techniques, both mathematical and physical.

I am particularly focused on the development of intelligent industrial solutions, combining data analysis, predictive modeling, and system optimization to support high-performance decision-making. My ability to structure complex problems, collaborate effectively, and continuously refine my technical skills enables me to contribute meaningfully to demanding projects at the intersection of engineering, data science, and innovation.

Experience

■ Automation of Business Reports (VBA & Power BI)

Sep 2025 – Oct 2025

Design and development of an automated tool for generating reports from raw Excel data.

Data analysis and automation skills:

- VBA: Mastery of VBA programming to automate repetitive tasks in Excel, create complex macros, and build user interfaces.
- Power BI: Expertise in creating interactive dashboards and performing data modeling for KPI visualization.
- Process optimization: Practical experience reducing processing time by 80% and eliminating manual errors.
- Business analysis: Ability to translate business needs into clear, actionable technical reports.

■ Junior Analytics Consultant

2024 – Present

Software and web application development:

- Designing and developing customized solutions for private clients, covering full-stack project management.
- Learning the full software project life cycle, from design to deployment.
- Managing client relationships and running a profitable freelance activity.

Machine Learning model development:

- Research and development of Machine Learning algorithms applied to concrete industrial problems.

Skills

Machine Learning and AI Development

- Skilled in predictive modeling
- Machine learning algorithms
- Tableau - Power BI

Photography

Experience with canva and other tools like CapCut

Web Development

- Proficient in HTML, CSS, Python, and frameworks Django
- creating a static site with ruby

Project Management

Experience with tools like Figma, or Jira.

Objective Evaluation

Skill in assessing the validity, reliability, and relevance of information arguments, and sources.

Office tools

- Words
- Excel
- PowerPoint

Extracurricular Activities

General Treasurer | International Student Club (ISC) of UM6P

- Managed budget and financial operations for international student programs
- Oversaw financial planning and allocation of funds for student activities
- Handled expense tracking and financial reporting

Nov 2025 - Nov 2026

Student Ambassador | Ivorian Student

Community at UM6P

- Represented and promoted Ivorian student interests within the university
- Facilitated cultural integration and organized community events
- Served as liaison between Ivorian students and university administration and also the embassy of Ivory Coast in Morocco

Sep 2025 - Sep 2026

- Hands-on experience in solving complex challenges through artificial intelligence.
- Strengthened skills in Python, data science libraries (e.g., Scikit-learn, TensorFlow), and data processing.

Marketing Agent – BLUE DOVE

Nov 2024

Promotion and launch of the “No Waiting UM6P” mobile application within the university.

Marketing skills and soft skills developed:

- Designing targeted promotional strategies for a student community.
- Writing content highlighting user benefits (time-saving, access to information).
- Experience in digital marketing and increasing product adoption.

Biomedical Engineering Project – Physiological System Modeling

Sep 2024–Dec 2024

Development and implementation of mathematical models to simulate the behavior of physiological systems.

Learning Outcomes and Skills:

- Mathematical Modeling: Creation of differential models and systems of equations to represent biological processes.
- Simulation & Analysis: Use of simulation tools (e.g., MATLAB, Simulink, Python) to validate models and analyze system dynamics.
- Biomedical Data Analysis: Interpretation of physiological data to calibrate and assess model accuracy.
- Complex Problem Solving: Tackling interdisciplinary challenges at the intersection of biology, physics, and computer science.

Software Developer – OCP Group

Sep 2024 – Dec 2024

Development of a software solution to optimize the administration of Exchange and Active Directory servers.

Technical skills acquired:

- Mastery of system infrastructure management concepts and enterprise directory services (Active Directory).
- Strengthened skills in developing tools for Windows Server environments.
- Management and automation of administrative tasks to improve security and efficiency.

Industrial Engineering Intern – EMMYOR

Benguerir – June 2025

Product Transformation & Process Optimization

- Designed and modeled components of a large-scale roasting machine (SolidWorks).
- Analyzed and documented the full production process, from raw material reception to final packaging.
- Enhanced digital traceability through QR code automation and system updates.
- Contributed to product packaging improvement and visual design standardization.

| Education

2024 – 2027

Engineering Program in Industrial Management - Data Science

- EMINES – Mohammed VI Polytechnic University, Morocco

Specialization in data science and industrial operations management.

2022 – 2024

Preparatory Classes for Engineering Schools

- San Pedro Polytechnic University, Côte d'Ivoire
- Intensive training in mathematics, physics, and engineering sciences.

2019 – 2022

Scientific Baccalaureate (BAC C)

- Scientific High School of Yamoussoukro, Côte d'Ivoire

Honors: Fairly Good

Focus: Mathematics and Physical Sciences.