



# TOKALO BI TOKALO ARMEL

## ENGINEERING STUDENT IN INDUSTRIAL MANAGEMENT

### Contact

+225 0544040377

+212 0770719580

toarmel@gmail.com

armel.tokalo@emines.um6p.ma

43150 Ben Guerir , Marrakech  
MOROCCO

**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**

- Head of EMINES - School of Industrial Management
- [Nicolas.CHEIMANOFF@emines.um6p.ma](mailto:Nicolas.CHEIMANOFF@emines.um6p.ma)
- +212525072751

### 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



### Web Development

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



**Photography**  
Experience with canva and other tools like CapCut



**Project Management**  
Experience with tools like Figma, or Jira.



### Constructive Questioning

- Ability to challenge ideas, processes, and assumptions constructively to improve quality.



### Objective Evaluation

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



### Certifications

- Youniverse Business Summit
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### Office tools

- Words
- Excel
- PowerPoint

- 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

Benguérir – 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.

## 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 mbassy of Ivory Coast in Morocco

Sep 2025 - Sep 2026

## | 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.