

# Hlal Ikram

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## PROFILE

Passionate about data analysis and software development, I am actively seeking an internship in this field. With strong technical skills and a curiosity for emerging technologies, I am motivated to contribute significantly to innovative projects.

## Education

<b>Faculty of Science and Technology</b> <i>Master's in Data Science and Intelligent Systems</i>	Sep. 2023 – present Fes
<b>Faculty of Science and Technology</b> <i>LST Computer Engineering.</i>	Sep. 2022 – Jun 2023 Fes

## Experience

<b>Internship at Minoterie Othmane</b>	April - June 2023 Meknes
<ul style="list-style-type: none"><li>Developed a comprehensive mobile and desktop application to improve sales and management processes.</li><li>Utilized technologies such as MySQL for the database, Dart and Flutter for the user interface, and PHP for handling server queries and responses.</li><li>Implemented key features including vendor management, sales tracking, client geolocation, and automated billing.</li><li>Designed the application to simplify the work of field salespeople and enable managers to supervise and analyze sales performance.</li></ul>	

## Projects

<b>University Material Resource Management</b>   <i>JEE, Spring Boot, UML, Bootstrap</i> <ul style="list-style-type: none"><li>Designed and developed a Java EE and Spring Boot platform for managing procurement, resource allocation, and supplier management.</li></ul>
<b>Automotive Parts Recognition</b>   <i>Python, OpenCV, CNN, SVM, Scikit-learn</i> <ul style="list-style-type: none"><li>Develop an application using Python, TensorFlow, and SVM to automatically recognize various automotive parts from images, achieving successful training of a machine learning model for accurate part classification and creating a user-friendly interface to facilitate seamless user interaction.</li></ul>
<b>Coronary Heart Disease Risk Prediction</b>   <i>Python, Spark, PySpark</i> <ul style="list-style-type: none"><li>Implement a system using Spark and logistic regression to predict the risk of coronary heart disease over a 10-year period, achieving successful development of predictive models and integration with Spark for efficient data processing and analysis.</li></ul>
<b>Image Processing</b>   <i>Python, PyQt5, OpenCV, scikit-image</i> <ul style="list-style-type: none"><li>Created an image processing application with a graphical user interface using PyQt5, providing features such as image loading, transformation, and analysis.</li></ul>

## Skills

**Languages:** Arabic (Native), French (Proficient), English (Fluent)  
**Programming Languages:** Python, Java, C, C++, PHP, HTML, CSS, Dart  
**Development Frameworks:** Flutter, Spring Boot, TensorFlow, Bootstrap  
**Database:** MySQL, NoSQL (MongoDB, Cassandra, Neo4j)