



hamzaelkhadri22@gmail.com



06 99 29 03 08



RABAT



[www.linkedin.com/in/elkhadri](https://www.linkedin.com/in/elkhadri)



<https://github.com/HAMZAemi>



<https://www.upwork.com/workwith/hamzae20>



**EL KHADRI HAMZA**

## ENGINEERING STUDENT IN IT AND DIGITALIZATION

### PROFILE SUMMARY:

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Engineering student from the Mohammadia school of engineers, I am applying to put my computer skills at the service of an application internship between July and September. I want to integrate a team of expertise in the field of data science via my various knowledge in Machine learning, Deep learning and Data Science by Python / R programming languages.

### FORMATION PROFESSIONNELLE :

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- COMPUTER ENGINEERING STUDENT DIGITALIZATION  
**MOHAMMADIA SCHOOL OF ENGINEERS**  
**2021 - 2024**
- CPGE: TECHNOLOGY AND INDUSTRIAL SCIENCES  
**PREPARATORY CLASSES FOR G RAND SCHOOLS SETTAT**  
**2019 - 2021**
- BACHELOR'S DEGREE: ELECTRICAL SCIENCES AND TECHNOLOGIES  
**ERRAZI TECHNICAL HIGH SCHOOL**  
**2018- 2019**

### PROFESSIONAL EXPERIENCE:

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- **August/September 2022: application internship**

Carried out within TAQA MOROCCO under theme: DATA PROFILING DATA QUALITY  
POWER BI of data from the CMMS system "Computer Aided Maintenance Management".

### COMPETENCES:

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#### **MACHINE LEARNING :**

- Supervised learning/ Unsupervised learning/ Reinforcement learning.

#### **DEEP LEARNING:**

- TENSORFLOW / KERAS / PYTORCH

**DATA SCIENCE:**

- Data manipulation / Data visualization / Data analysis.

**DATABASE :**

- Design and implementation / SQL / PLSQL / Optimization.

**CERTIFICATIONS:** 

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**- GOOGLE:**

GOOGLE DATA ANALYTICS

**- DATACAMP:**

Data Engineer/ Data Science / ML / DL : avec python

Data Analyst in Power BI / R Programming / Data Skills for Business

**- LINKED IN :**

ML and AI Foundations : Predictive Modeling Strategy at Scale/ AI Accountability Essential Training/

Les statistiques avec python

**TECHNOLOGY AND TOOLS:** 

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Python, Java, Spring boot , React Native ,C, DEV++ , CodeBlocks, Linux, Ubuntu, R, MIPS,PL/SQL, ProLog, SQL, Oracle, Postgresql, MySql, Phpmyadmin, IntelliJ IDEA, Eclipse, JavaFX, Java Swing, AndroidStudio, SciPy, scikit-learn pandas, NumPy, seaborn, matplotlib , html, css, javaScript , Spreadsheets, presentation tools, Tableau, RStudio, Kaggle, GitHub, ggplot2, Shell, .properties, JSON, Socket, scrapy, facepager, SCRUM.

**PROJECT :** 

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**MACHINE LEARNING :**

- Predict approvals on a bank loan.

- Predict if a person is infected with covid-19 based on data clinics available.

**DEEP LEARNING:**

- Twitter sentiment analysis.

- Classify images of cats and dogs using Neural Network

**JAVA:**

- Parking management application.

- Dental office management application.

- Money management app

**LANGUAGE:** 

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ARABIC: MOTHER TONGUE / FRENCH: FLUENT / ENGLISH: AVERAGE

**OTHERS:** 

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- Head of logistics and treasury unit at ITacadEMI club.

- Sports, research in the fields of artificial intelligence and new technologies.