# Khaled Ihitt

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## INTERNSHIP AND WORK EXPERIENCE

**SMART MS SA,** Data science intern ⊡                          Jun 2022 – Aug 2022 | Nktt, Mauritania
- Collection of data on websites whose content is in the Hassania language (web scrapping) and Creation of structured data and implementation of the chatbot in the Hassania language.
  **Framework and Technology used:** Octoparse, Python, Scrappy, Tensorflow, Keras.

**DGTIC,** Junior web developer                                 Sep 2020 – Oct 2020 | Nktt, Mauritania
- Collaborated with a cross-functional team of 3 interns to build a GRH application (attendance and leave management) using PHP, PhpMyAdmin as Back-End with HTML, CSS, JavaScript, and Bootstrap as Front-End.
- **Key achievement:** Delivered a complete fished version of the application after 1 month of collaboration.

## PERSONAL AND ACADEMIC PROJECT

**NLP models for hackathon Hack4Data** ⊡                                            Nov 2022
- Collaborated with a team of 3 Data Science Students to create two **NLP** classification models using machine learning and deep learning algorithms: Random Forest Classification, SVM, LSTM, and GRU.
- **Key achievement:** Obtaining second place and winning the **BI4YOU** Best Technical Resolution award for the team with the best technical background.

**Blood Cells Classification**                                                      Oct 2022
- Use transfer learning to train a pre-trained ResNet34 model on the Blood Cells dataset after analyzing the data. Create automated methods to detect and classify blood cell subtypes that have critical medical applications.

**Tweets Sentiment analysis**                                                       Sep 2022
- Create a sentiment analysis model using the **NLTK** library. Pre-processing tweets by tokenizing a tweet, normalizing words, and removing noise. visualized frequent and created a model to associate tweets with a particular sentiment.

## EDUCATION

**Professional Master in Data Science and Software Development,** ESEN - Manouba université ⊡        Oct 2021 – present | Tunis, Tunisia

**Bachelor's in IT development,**                               Oct 2018 – Jul 2021 | Nktt, Mauritania
ISCAE - University of Nouackott Al-Aasriya ⊡

**Baccalaureate in Natural Sciences (Bac D),**                        Jul 2018 | Nktt, Mauritania
Islah Erayed High School

## SKILLS

**Programming languages** (Java, Python, C/C++, PHP, C#, SQL, JavaScript, HTML & CSS.)

**Frameworks/Database/Server** (Spring boot, Symfony, ASP.Net, Angulair, Bootstrap, My SQL, SQL Server.)

**Big Data, Machine learning & Deep learning** (Hadoop, MongoDB, Cassandra, Talend, R, Python (eg. scikit-lern, NumPy, pandas, matplotlib), TensorFlow, Power BI.)

**Mobile development** (Flutter, Android Studio.)

## LANGUAGES

**Français** (C1) | **Arabe** (Native) | **English** (B2-C1)