**SENHADJI NIHAD**

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**Algiers,Algeria |** [**https://www.linkedin.com/in/nihad-senhadji-7bbb68234/**](https://www.linkedin.com/in/nihad-senhadji-7bbb68234/)

Highly motivated to obtain a position with opportunities to demonstrate a strong work ethic, collaboration skills, problem-solving ability, and the ability to work within a team as well as independently.

***EDUCATION***

***MASTER Of Computer Science and Statistics June 2022***

University of Science and Technology Houari Boumediene.

# Bachelor Of Probability and Statistics June 2020

University of Science and Technology Houari Boumediene.

***PROFESSIONAL EXPERIENCE DATA SCIENTIST Dec 2022 - Present***

*BNP Paribas El Djazaïr*

* Deploy and build Customer churn prediction application using supervised machine learning Random Forest, Decision Trees, Logistic Regression, Support Vector Machines (SVM) by Streamlit.
* Semantic similarity-based clustering using a word embedding (Word2Vec,Gensim) NLP.
* Build a banking products recommendation system collaborative filtering using SVM.

**DATA ANALYST INTERN ­­ *April 2019- October 2019***

*ELIT EL DJAZAÏR INFORMATIONS GROUPE SONALGAZ*

* Creation of databases and interpretation of data.

# DATA SCIENTIST INTERN

# AYRADE COMPUTER SERVICES AND ENGINEERING COMPANY July 2021-February2022

* Built Annual Dashboard and Reports Using Power BI.
* Built a Regression Model to Predict Annual Sales Revenue.
* Created Non-relational Data Base using Mongo DB.

# DATA SCIENTIST INTERN June 2021-February 2022

*SIRIUS NET SOFTWARE SOLUTIONS DEVELOPMENT COMPANY*

* Built a Responsive Website with Bootstrap, HTML, and CSS.
* Managed Databases using PhpMyAdmin.

# DATA SCIENTIST INTERN November 2021-July 2022

*YASSIR EXPRESS*

Building Restaurant Recommendation Systems with Python for ***YASSIR EXPRESS.***

* Neighborhood Based Recommendation System KNN (user-based and item-based) using different similarity metrics.
* Popularity-Based Recommendation Systems
* Location-Based Recommendation Systems using Kmeans clustering and the Haversine distance.

***SKILLS***

**Programming languages** (Python,Java,C/C++,SQL,MATLAB, R, PHP,JavaScript,HTML,CSS,Bootstrap)

**DBMS** (MySQL,FILEZILLA,PostgreSQL,XAMPP and MangoDB,Postman)

**Big Data frameworks** (Spark)

**Data visualization** (Altyrex,Tableau , Matplotlib, Seaborn, and Plotly)

**Data calculation and manipulation** (Numpy, SciPy and Pandas)

**Machine Learning libraries** (Scikit-learn, Statsmodels,MAPIE)

**Deep Learning Framework** (TensorFlow and Keras,NLTK)Technical Skills

**Frameworks**: Node.js,Flask,Django,Streamlit.

**Developer Tools**: Git,Gitlab, Jenkins,Docker.

**Other**: Power BI,Microsoft Office, HUBSPOT,CRM.

# ACADEMIC PROJECTS

* Heart Failure Disease Prediction Project using unsupervised Machine learning technique Kmeans

Clustering.

* House price prediction Project using unsupervised Machine learning technique Linear Regression.

# CERTIFICATIONS

* + - Machine Learning by Stanford University Cours Coursera.
    - Google Fundamentals of Digital Marketing Google certificate.
    - MongoDB certificate from Mongo Db university.
    - Time series certificate.
    - Certified Administrator Domino Data Lab.
    - Certified Data Science Practitioner Domino Data Lab
    - Sololearn Certified Python Core, HTML, CSS.

# CORE STRENGTH

* + Team Management.
  + Strong Communication skills.
  + Math and Statistics.
  + Machine Learning Algorithms. .

***LANGUES***

* Arabic, French, English, and Turkish.