



# Zakia Mahmoudi

(Data scientist)

Recently graduated from the National Polytechnic School of Oran. Dynamic, disciplined, and passionate about new technologies and working with data. I would like to be able to put into practice my skills and academic knowledge to add value to my job.

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## Technical Aptitudes

**General skills:** Machine Learning, Deep Learning, Data Preparation, Data Visualization, Computer vision, NLP, Web Scrapping, Statistics, Mathematics, Database Management, Mind Mapping.

**Programming:** Python, SQL, HTML, CSS, Java, C.

**Data Science Packages:** Pandas, Numpy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn, Beautiful Soup, etc.

**Data Science Algorithms:** Classification (Naïve Bayes, KNN, SVM, Decision Tree, Random Forest, etc.), Regression (Linear, Multiple, Random Forest, KNN Regression etc.), Clustering (K-Means, Hierarchical), Deep Learning (RNN, CNN, LSTMs, GAN, Transfer Learning, etc).

**Other software / Skills:** Excel, Word, PowerPoint, MindMaster, Oracle, phpMyAdmin, Git, Astah UML, BPMN Modeler.

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## Education

- Master's degree in "Information Systems Engineering and Management" | National Polytechnic School of Oran | 2021.
- Engineer's degree in "Information Systems Engineering and Management" | National Polytechnic School of Oran | 2016-2021.
- Baccalaureate in Mathematics | High School of Aït Yahia Moussa | 2013-2016.

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## Specializations and Courses

### Specializations :

- IBM Data Science Professional Certificate. (IBM, Coursera)
- Data Science Fundamentals with Python and SQL. (IBM, Coursera)
- Excel Skills for Business. (Macquarie University, Coursera)
- TensorFlow Developer Professional Certificate. (DeepLearning.AI, Coursera)

### Courses :

- Convolutional Neural Networks with TensorFlow in Python. (365 Data Science)
- A/B Testing in Python. (365 Data Science)
- Web Scraping and API Fundamentals in Python. (365 Data Science)
- Statistics for Data Science with Python. (IBM, Coursera)
- Computer Vision. (Kaggle)
- Intermediate Machine Learning. (Kaggle)
- Geospatial Analysis. (Kaggle)

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## Project Experience

- Building a Movie Recommendation System. (Engineer's degree final project)
- Movie Synopsis Generation Using GPT-2. (Master's degree final project)
- SpaceX Falcon 9 first-stage Landing Prediction. (Data Science Capstone Project, IBM)

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## About Me

**Languages:** English, French, Arabic (advanced), Kabyle (Native).

**Interests:** Reading, Personal Development.

**Soft skills:** Time management, Teamwork, Flexibility, Organized, Optimistic, Professional, Curious.