

YOUSSEF SAFI

Data scientist

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Paris, FR
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Data scientist with experience in machine learning, NLP and Google Cloud. Proficient in Python, SQL and C++ with a PhD in Artificial Intelligence focused on Artificial Neural Networks optimization.

EXPERIENCE

Data Science Consultant

Independent

Jan. 2019 – July 2022 Casablanca, MA

- Study and analyze customer data
- Design automation scripts for data processing tasks
- Assist and supervise customers on various aspects of data and modern technology
- Develop customers' analytical and data processing skills

Professor

Institut supérieur du Génie Appliqué (IGA)

Nov. 2016 – July 2022 Casablanca, MA

- Prepare and teach courses at university level (Advanced Algorithms, Artificial Intelligence, Machine learning, Multimedia Information Processing, Computer Graphics and Object Oriented Programming)
- Assist in administering the IGA information system

EDUCATION

Earned doctorate

University Hassan II

Dec. 2011 – Dec. 2015 Casablanca, MA

- Major : Mathematics, Computer Science and Data Processing
- Thesis title : Neuro-evolutionary models for predictive analysis of multi-dimensional data

Master

University Hassan II

Sept. 2008 – July 2010 Casablanca, MA

- Major : Data Processing

Bachelor of Science

University Hassan II

Sept. 2005 – July 2008 Casablanca, MA

- Major : Electronics

SKILLS

Python Numpy Pandas Matplotlib

Scikit-Learn TensorFlow Pytorch

NLTK Optuna Jupyter FastAPI

Django

Google Cloud BigQuery Cloud Composer

Cloud Data Fusion Dataflow Dataproc

Pub/Sub Pub/Sub Vertex AI

SQL C/C++ C# .NET Core Linux

Docker Git

CERTIFICATIONS

- DeepLearning.AI TensorFlow Developer
- Preparing for Google Cloud Certification: Cloud Data Engineer

LANGUAGES

French
French
German



PUBLICATIONS

Journal Articles

- Safi, Y., & Bouroumi, A. (2014). Evolutionary single hidden-layer feedforward networks. *International Journal of Innovative Computing and Applications*, 6, 73–86.
- Safi, Y., & Bouroumi, A. (2013). Prediction of forest fires using artificial neural networks. *Applied Mathematical Sciences*, 7, 271–286.

INTERESTS

Blockchain technology Video games

Swimming Chess