YOUSSEF SAFI

Data scientist

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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

Language	Level
English	●●●●○
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