



BOUNHAR ABDELAZIZ

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French nationality

22 ans, Single

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Abdelaziz Bounhar

Data Scientist

Good spirit of analysis and synthesis. Great capacity for adaptation and teamwork.
Passionate about **Data Science & Analytics** and **Artificial Intelligence**.

EDUCATION & CERTIFICATIONS

- 2020-2021 : **Télécom Paris** - Master M2 **Machine Learning, Communications and Security** (MICAS).
MICAS is a research oriented master's degree devoted to **Data Science and Information/Signal Processing**.
- 2019-2020 : Exchange program at Ecole Nationale Supérieure d'informatique pour l'industrie et l'entreprise (**ENSIIE** - Evry)
3rd year of the engineering cycle, **specialization in AI, Data Science and Machine Learning**.
- 2017-2020 : Mohammadia School of Engineers (**EMI** - Rabat) Engineering degree in **Computer Science**.
- 2015-2017 : Preparatory class PSI - **Maths sup-spé** (ranked 114th in Morocco).
Two year on an intensive preparatory program for the highly selective engineering schools entrance exams in Morocco and France. The program focus on courses in Mathematics, Physics, Algorithmic and Chemistry. Subsequently accepted at the top engineering school nationwide (Mohammadia School of Engineers).
- 2014-2015 : High School Degree in Science, with Honours.

End-to-End Machine Learning with TensorFlow on GCP



Fundamentals of Scalable Data Science

PROFESSIONAL SKILLS

Programming languages :

Python, R, Matlab, C/C++/C#, Java SE, Java EE

Data Science & Machine Learning :

TensorFlow, Keras, NLTK, Scikit-Learn, Numpy, Pandas, Seaborn, Matplotlib, OpenCV, Gensim

Web Development :

HTML5, CSS3, Javascript, PHP, JQuery, Bootstrap4, ASP.NET Core 2.2

Databases and Data Engineering :

PostgreSQL, MongoDB, Cassandra, HBase, Hadoop, PL/SQL, Apache Spark, Oracle Database 11g, SQL

Conception and Modeling:

UML 2.0 et Design Patterns

Work methods and project management :

Agile Methode Scrum, Unified Process

Tools:

Hadoop, Apache Spark, Google Cloud Platform, IBM Watson, VisualVM, Google Colab, Jupyter Notebook, Anaconda, Eclipse, Git, Gitlab, Jira, BitBucket, Trello, Visual Studio.

EXPERIENCES & INTERSHIPS

- 2020 (6 months) : End of Studies Internship, **R&D Data Engineer** at **Konvergence B&T**
 - **Project** : Opening and optimization of the kShuttle calculation engine to the world of Big Data.
 - **Objectives** : Development of a Synchronizer for the data historization of the DataWarehouses of Konvergence B&T customers with a NoSQL database. Optimization of the aggregations by loading compact cubes depending on the POVs in order to better exploit the data once loaded and cached.
 - **Tools & Languages** : Java, Javascript, JEXL, ElasticSearch, PostgreSQL, MongoDB, Multidimensional Cube, Jira, BitBucket, SVN, Shuttle, Confluence, VisualVM, NetBeans, VS code. Work in an Agile environment (**Scrum**).
- 2019 (4 months) : Engineer Internship, **R&D Data scientist** at **Soft Centre**
 - **Project** : Development of an AI solution using advanced techniques of Machine Learning and NLP.
 - **Objectives** : Profile a user from the messages he exchanges on the social network Soulchain.
 - **Tools & Languages** : Scikit-Learn, NLTK, Gensim, Pandas, Python, Jupyter Notebook, Google Colab, Seaborn, Numpy, Matplotlib. Work in an Agile environment (**Scrum**).
- 2018 (1 month) : Initiation internship, **Mobile Developer** at **Jawjab**
 - **Project** : Development of a native android mobile application.
 - **Objectives** : From the application, the user should be able to browse the content of the Jawjab website. The app should also notify the users when a new post is available on the website. Users should also be able to contact the Jawjab team from within the application.
 - **Tools & Languages** : Android Studio, Java SE, Google Firebase. Work in an Agile environment (**Scrum**).

LANGUAGES

French : Excellent Mastery

English : Excellent Mastery

Arabic : Mother Tongue

INTERESTS

Sport

Reading

Traveling

ACADEMIC & PERSONAL PROJECTS

- Applying different **Deep Learning & Machine Learning** Classification and Regression models/architecture on different problems/datasets.
Tools : Scikit-Learn, Tensorflow, Keras, OpenCV, Pandas, Numpy, Matplotlib, Seaborn.
- Development of a website specialized in photos of Morocco <https://www.jalilbounhar.com> using PHP Laravel 5.7.
- Development of a **Topography Web Mapping Platform** for the management of parcels of land that are subject to the expropriation procedure.
Tools : SpringBoot, Angular 7, Java EE, PostgreSQL, CSS3, Bootstrap4, Javascript.



<https://github.com/BounharAbdelaziz>

MISCELLANEOUS

- Prize of the Hult Prize on campus competition at EMI 2018 edition and in London in 2019.
- ESSEC-EMI entrepreneurship prize 2019 edition.
- Head of the technical unit within the LinuxParty club: Computer Science club of the EMI.
- Club member EMINENCE: Cultural club of the EMI