

Ali Masri

Data Scientist

Dearborn, MI 48120

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Data Scientist holding a Ph.D. degree from the University of Paris-Saclay. I am passionate about machine learning, distributed data processing, and scalable systems. My solid knowledge of software engineering makes it easier for me to see the bigger picture and design production-ready solutions. In my past experience, I worked with international teams and companies to provide R&D services, consultancy services, and data science training for enterprises.

Authorized to work in the US for any employer

Work Experience

Data Scientist

Cognitus - Paris, France

December 2017 to Present

- Assist companies to adopt big data solutions by consulting the design and deployment of big data ecosystems for storage, streaming, processing, and visualization.
- Build distributed data processing pipelines to collect and process large amounts of raw data in real-time and batch modes.
- Assist companies' decision-making needs by building machine/deep learning models and interactive dashboards.
- Design the architecture and lead the development of a distributed, scalable, and fully extensible distributed smart surveillance solution.
- Lead the development of multiple computer vision solutions.
- Provide enterprise data science training (machine learning, deep learning, distributed data processing, programming) to help customers build their own teams.

Enterprise Solutions Architect

Cogent Softech - Dearborn Heights, MI

Present

- Close the communication gap between customers and the development team by meticulously analyzing client requirements and writing clean documentation, which leads to faster delivery with fewer errors.
- Research and plan the development of new solutions by designing efficient system architectures that are convenient to clients' needs.
- Ensure the developers have the right skills by advising and planning their learning path.

Doctoral Student

Vedecom - Versailles, France

February 2015 to November 2017

- Researched transportation multimodality for smart cities.
- Improved the ability to combine heterogeneous transportation data sources by proposing three integration solutions on: schema level, instance level, and service level.
- Implemented 3 software libraries for multimodal transportation data integration.
- Improved multimodal trip planning by extending the Connection Scan Algorithm (CSA) to support non-scheduled transportation services.
- Published 8 articles in international conferences and journals.

Research and Development Intern

3iConsulting - Palaiseau, France

February 2014 to August 2014

- Researched supply chain management systems and how to adopt a service-oriented architecture.
- Researched different business processes management solutions and their integration with supply chain management systems.
- Improved the scalability and efficiency of a legacy solution by adopting a service-oriented architecture backed by a business process management solution.

Education

Doctorate in Computer Science

University of Paris Saclay - Versailles, France

Master's in Computer Science

Lebanese University Faculty of Science - Beirut, Lebanon

Bachelor's in Computer Science

Lebanese University Faculty of Science - Beirut, Lebanon

Skills

- AWS
- Data Science
- Big Data
- Machine Learning
- Python
- Apache Spark
- Azure

- Deep Learning
- SQL
- Data Processing
- Computer Vision
- Natural Language Processing
- Git
- APIs
- Microsoft PowerBI

Languages

- Arabic - Expert
- English - Fluent
- French - Beginner

Certifications and Licenses

Natural Language Processing Specialization by deeplearning.ai

<https://www.coursera.org/account/accomplishments/specialization/certificate/MTFTQAZB5PRT>

IBM Data Science Specialization

<https://www.coursera.org/account/accomplishments/professional-cert/Y4RX82N2GBZQ>

Deep Learning Specialization by deeplearning.ai

<https://www.coursera.org/account/accomplishments/specialization/XH5KKMY3RZDR>

Machine Learning by Stanford University on Coursera

<https://www.coursera.org/account/accomplishments/verify/9FPZPHCPS297>

Data Scientist with Python Track by DataCamp

<https://www.datacamp.com/statement-of-accomplishment/track/fabae334581f7461e62a7a4e2c22b309c65ed234>

Google Developer Certification - Associate Android Developer

<https://bcert.me/bc/html/show-badge.html?b=bsigjqw>