

Overview

Highly organized and self-motivated data scientist with 6+ years of experience and a passion for data science, machine learning, distributed data processing, and scalable systems. Collaborative and proactive with a reputation for developers and key stakeholders to design production-ready solutions that meet client needs. Strong interpersonal skills and a knack for cutting through the tech talk to communicate big picture visions to international clients through R&D services, consultancy, and data science training for enterprises.

Professional Experience

Data Scientist | December 2017 - Present

Cognitus | Paris, FR / Remote

- Assist companies, including international clients, teams, and governments, to adopt big data solutions by consulting the design and deployment of big data ecosystems for storage, streaming, processing, and visualization.
- Improve the speed and efficiency of legacy solutions by analyzing client requirements and designing and building big data architectures and data processing pipelines to process large amounts of raw data in real time and batch modes.
- Design architecture and lead development of a distributed, scalable, and fully extensible smart surveillance solution by coordinating with development team and stakeholders to drive execution.
- Spearhead the development of 4 machine learning solutions in computer vision and natural language processing domains.
- Train 30+ customers on enterprise data science including courses on machine learning, deep learning, distributed data processing, and programming to enable companies to build their own data science teams.

Enterprise Solutions Architect | July 2020 - Present

Cogent Softech | Dearborn Heights, MI / Remote

- Increase delivery speed and reduce errors by closing communication gap between customers and development team through meticulous analysis of client requirements and writing clean documentation.
- Research and plan development of 5 new solutions on fast-paced timelines by designing scalable and fault-tolerance cloud and on-premises architectures.
- Ensure developers have key skills by advising and planning learning paths and collaborating remotely via project management tools (Trello and JIRA) and communication channels (Slack and email) to guide project plans and updates.

Doctoral Student | February 2015 - November 2017

VEDECOM | Versailles, FR

- Researched transportation multimodality for smart cities and organized and integrated data by implementing 3 software solutions in Python and JAVA.
- Increased ability to combine heterogeneous transportation data sources by proposing 3 integration solutions on schema level, instance level, and service level.
- Improved multimodal trip planning by extending the Connection Scan Algorithm to support non-scheduled services.
- Published 8 articles in international conferences and journals by utilizing excellent communication and writing skills.

Research & Development Intern | February 2014 - August 2014

3iConsulting | Palaiseau, FR

- Researched integration of supply chain management systems and business process management solutions.
- Improved scalability and efficiency of legacy solutions by implementing research on supply chain and business process management solutions to adopt a service-oriented architecture.

Key Skills

Big Data | Data Analytics | Data Processing | Machine Learning | Deep Learning | Python | Apache Spark | SQL | AWS | Azure | Computer Vision | Natural Language Processing | Git | APIs | Microsoft PowerBI | Artificial Intelligence | Applied Mathematics & Statistics | Algorithms | Communication | Development

Education & Certifications

Doctorate in Computer Science, University of Paris Saclay, Versailles, FR

Master's in Computer Science, Lebanese University Faculty of Science, Beirut, LB

Bachelor's in Computer Science, Lebanese University Faculty of Science, Beirut, LB

[Natural Language Processing Specialization](#), deeplearning.ai, | [IBM Data Science Specialization Deep Learning Specialization](#), deeplearning.ai | [Machine Learning](#), Stanford University on Coursera

