

Date of birth: 7 Feb 1991 | Nationality: Lebanese | Gender: Male | (+1) 3203175412 |

alimasri1991@gmail.com | alimasri.github.io | Skype: alimasri1991 | Versailles, France

About me: I am a Research and Development Engineer dedicated to the field of Big Data and Artificial Intelligence. I have strong research and professional background with a Ph.D. degree in Computer Science from the University of Paris-Saclay and VEDECOM institute. In the domain of data science, I provide R&D services, consultancy services, and data science training.

● WORK EXPERIENCE

1 NOV 2017 – CURRENT – Paris, France

RESEARCH AND DEVELOPMENT ENGINEER – Cognitus/Intelligencia

- Head of the Data Science Team
- Lead and develop various AI and Big Data projects
- Help companies to optimize/upgrade architectures/pipelines by bringing in new Big Data and AI solutions
- Data Science Trainer
- Help in building new generations of skilled data science teams

www.cognitus.fr | Paris, France

2015 – 2017

RESEARCHER – VEDECOM

- Research on transportation multimodality for smart cities
- Proposed a new model to make multimodality easier to implement and maintain
- Proposed a three-level integration solution on:
 - Schema level
 - Data level
 - Services level
- Implemented many software libraries as multimodal integration solutions
- Published many articles in international conferences and journals

www.vedecom.fr | Versailles, France

JAN 2016 – DEC 2016

BACKEND AND MOBILE DEVELOPER - JAX-RS, STRUTS2, ANDROID – Logixy

- Designed and implemented a database and business process for an Intelligent Transport Management System
- Adopted a service oriented architecture
- Created a web and mobile applications

Paris, France

JUN 2015 – DEC 2015

JAVA DEVELOPER – 3iConsulting

- Maintained and solved many bugs in a pre-built production solution
- Made the product easier by developing many helper tools

Palaiseau, France

JUN 2015 – DEC 2015

PHP DEVELOPER – Nouvelle Génération Médicale (NGM)

- Increased the association popularity by creating and maintaining a website + blog for the French association "Nouvelle Génération Médicale (NGM)"

Paris, France

FEB 2014 – JUL 2014

RESEARCH AND DEVELOPMENT – UVSQ and 3iConsulting

- Professional part related to my master thesis in supply chain management and service oriented architecture
- Helped the company in adopting a service oriented architecture by designing and implementing the new solution

Versailles, France

● **EDUCATION AND TRAINING**

Paris, France

Ph. D. in Computer Science – Université Paris-Saclay

Beirut, Lebanon

Masters in Information and Decision Support Systems – Lebanese University Faculty of Sciences

Beirut, Lebanon

Bachelors Degree in Computer Science – Lebanese University Faculty of Sciences

● LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|-------------------|--------------------|---------|
| | Listening | Reading | Spoken production | Spoken interaction | |
| ENGLISH | C2 | C2 | C1 | C1 | C1 |
| FRENCH | A2 | A2 | A2 | A2 | A2 |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DRIVING LICENCE

Driving Licence: **B**

● HONOURS AND AWARDS

Honours and awards

- Placed 4th in the Lebanese Collegiate Programming Competition

● ORGANISATIONAL SKILLS

Organisational skills

- Leadership: I have experience in leading and mentoring many development and data science team members

● COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Very good communication and presentation skills gained through my experience as a Ph.D. and as data science trainer in addition to working with international clients and teams
- Very good mentoring and training skills gained through my experience as a Data Science trainer
- Very good consultancy skills
- Very good writing skills. My research papers were published in many international conferences and journals, and I still write for online data science publications (Towards Data Science, The Startup, Heartbeat, Marktechpost)

● JOB-RELATED SKILLS

Job-related skills

- Mentoring skills (Supervised many interns and students in my courses)

● CERTIFICATIONS

Certifications

- [IBM Data Science Specialization](#)
- [Deep Learning Specialization by deeplearning.ai](#)
- [Machine Learning by Stanford University on Coursera](#)
- [Google Developer Certification - Associate Android Developer](#)

● ONLINE PUBLICATIONS

Online Publications

I like writing about various data science concepts in intuitive ways for the public. After some introductory courses I had the honor to write for many online publications:

- [Towards Data Science](#)
- [Heartbeat](#)
- [The Startup](#)
- [Marktechpost](#)

A compilation of my articles can be found on my blog: <http://alimasri.github.io>

● RESEARCH PUBLICATIONS

Research Publications

- [Ali Masri. Multi-Network integration for an Intelligent Mobility. Ph.D. Thesis.](#)
- [Ali Masri, Karine Zeitouni and Zoubida Kedad. Retry: Integrating ridesharing with existing trip planners. SIGSPATIAL2017](#)
- [Ali Masri, Karine Zeitouni, Zoubida Kedad and Bertrand Leroy. An Automatic Matcher and Linker for Transportation Datasets. ISPRS2017](#)
- [Ali Masri, Karine Zeitouni, Zoubida Kedad and Bertrand Leroy. Automatic Detection and Mapping of Geospatial Properties in Transportation Data Sources. SIGSPATIAL2016](#)
- [Ali Masri, Karine Zeitouni, Zoubida Kedad, Bertrand Leroy and Gabriel Kepeklian. Discovering Multimodal Routes using Connection Patterns. ITSC2016](#)
- [Ali Masri, Karine Zeitouni, Zoubida Kedad and Gabriel Kepeklian. Link++: A flexible and customizable tool for connecting RDF data sources. ESWC2016](#)
- Fatima Abdallah, Hassan Sbeyti, Ali Masri, Malak Khreis, Hussein Hazimeh, Mohamed Dbouk, and Ahmad Fadlallah: unified Sensor interface for Context-Aware Mobile aPplications (SCAMP). The Lebanese Association of Advanced Sciences LAAS20
- Hamid Mcheick, Raef Mousheimish, Ali Masri, Youssef Dergham: Context Aware Collaborative Computing Model for Natural Disaster Management Systems. HCI (21) 2014: 439-449