

OMAR ABEDELKADER



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PROFILE

Results-driven Analytical Innovator, Multilingual Coder, and AI Architect with expertise in Natural Language Processing and Applied Mathematics.

PROFESSIONAL EXPERIENCE

INERIS

NLP Engineer & NLP Researcher

Verneuil-en-Halatte, France

August 2023 - September 2024

- Skills: Deep Learning · Machine Learning · NLP · Applied Mathematics

LIPN - Sorbonne University Paris Nord

Graduated Researcher

Villetaneuse, France

June 2023 - August 2023

- Skills: Generative Models · Applied Machine Learning · Deep Learning · Machine Learning · NLP Reinforcement Learning · Applied Mathematics · Applied Statistics

Lebanese University

Undergraduated Researcher

Beirut, Lebanon

April 2022 - July 2022

- Skills: Deep Learning · Machine Learning · NLP · Applied Mathematics · Research Skills · Applied Machine Learning

BEON-IT

Software Developer

Beirut, Lebanon

May 2022 — June 2022

- Skills: JAVA · Design Patterns · .NET Framework · Threading · Microsoft SQL Server

SSCC

Full Stack Developer

Beirut, Lebanon

November 2020 - April 2021

- Skills: PHP & SQL · Design Patterns · Microsoft SQL Server

PROJECTS

Understanding Family Dynamics in France: An FCA-Based Study

Project Details

Nancy, France

September 2023 - January 2024

Real - Fake Image Detection

Project Details

Nancy, France

September 2023 - January 2024

Generation Of Literary Microfictions And Variational Language Models

Project Details

Villetaneuse, France

June 2023 - August 2023

Exploring Analogical Proportions Between And Within Knowledge Graphs

Project Details

Nancy, France

September 2022 - June 2023

Sentiment Analysis In Marketing

Project Details

Nancy, France

June 2023 - August 2023

Email Spam Detection
Project Details

Beirut, Lebanon
April 2022 - August 2023

EDUCATION

University of Lorraine Nancy, France
MSc Degree in Natural Language Processing

September 2022 — September 2024

Lebanese University Beirut, Lebanon
BSc Bachelor in Data Science

September 2019 — September 2022

RECENT SUPERVISORS

Van-hun RAYANE	Work-Study Program Supervisor	van-hung.rayane@ineris.fr
Isabelle PRAUDAUD	Work-Study Program Supervisor	isabelle.pradaud@ineris.fr
Miguel COUCEIRO	Research Supervisor	miguel.couceiro@loria.fr
Jorge GRACIA FLORES	Internship Supervisor	garciaflores@lipn.univ-paris13.fr
Joseph LEROUX	Internship Supervisor	leroux@lipn.univ-paris13.fr
Abbas RAMMAL	Internship & Research Supervisor	abbas.rammal@ul.edu.lb

SKILLS

- **Linguistics** Linguistics and Textual Linguistics, Coprus Linguistics, Computational Linguistics, Formal Grammar, Discourse and Lexicometrics, Semantics
- **Languages & Softwares** Python, Java, R, LaTeX, Javascript, PHP, MySQL, Django, MongoDB
- **Operating Systems** UNIX , Windows
- **Softwares & Frameworks** Matplotlib, NLTK, SpaCy, pandas, Seaborn, Numpy, SciPy, Tensor-Flow, Keras, GUI, Apache Hadoop, SPARK, Protege, Praat,

LANGUAGES

- **French** B2
- **English** B1