Zakaria ELBAZI

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Data engineer

Education :

2016-2019	**Master of Engineering in Data Engineering and Business Intelligence**	
Rabat	The National Institute of Statistics and Applied Economics - INSEA	
2014-2016	**CPGE Maths physique**	
Marrakech	CPGE Ibn Timiya	
2012-2014	**Bachelor's degree, Maths**	
Marrakech	Royal Preparatory College for Aeronautical Techniques (Royal Air Forces) – CRPTA/ERA	

Experiences :

Mars 2019 - Current   **Excelerate Systems - France (www.exceleratesystems.com)**
Graduation internsship. *(Bordeaux , France)*
Real time Image/video processing and Deep learning/Machine learning models implementation.

Juillet - Septbmer 2018   **IOO, Intelligence Of Objects (www.ioo.ma)**
Internsship. *(Rabat , Morocco)*
The implementation of an intelligent traveling recommendations engine and developing a mobile app for traveling recommandations . (micro-servies architecture , machine learning).

Mai - July 2017   **Vul9 Security Solutions (www.vul9.com)**
Remote Internsship. *(Rabat , Morocco - UAE)*
The basics of networking security and web application security and pentesting.

Skills :

- **Web and mobile developement:** HTML, CSS, PHP, XML, JAVASCRIPT, AngularJS, NodeJs, JEE, SQL, Ionic, android native ,SEO .
- **Programming :** Java, Python, C, Cobol, Assembleur, JavaScript, Lisp, Prolog, R, Matlab, vba Excel.
- **Softwares:** Photoshop cc, Wireshark, GNS3, Talend Open Studio, Android Studio, RapidMiner, Qlik.
- **Data engineering:** Machine Learning, Deep Learning, Webmining, Data Mining.
- **Bigdata and business intelligence:** Datawarehousing, Hadoop, Business analytics.
- **Other tech skills:** Architecture reseaux TCP/IP, Penetration Tesing, UML, Merise.
- **Non tech skills :** Bussiness models and bussiness plans.

Extracurricular activities :

- **Founder & ExPrésident** du club INSEA IT (https://inseait.com).
- **Hed of Technical** at the Forum GENI 14. (www.forumgenientreprise.ma)
- **Head of Technical** at Enactus INSEA 2017.
- **Member and trainer** at L'Geek (www.lgeek.com)

Achievements:

- *1st Innovative Project Award of the year 2018* - Ausim Innov'it Contest – Developing a mobile app for blind people that does real time object detection and vocal feedback/control.
- **Social Entrepreneurship** – M2GATE: Mena Michigan Global Action Through Entrepreneurship: Online exchange program to promote entrepreuneurship in the Mena region.
- **IBM big data developer certification** (Mastery Award for students)
- **Tensorflow for AI, Machine Learning, and Deep Learning certification** on Coursera.
- **Publishing on Hakin9 Magazine (USA)** – AI for Cyber security (ML based malware detectors)
- **Deep Learning specialization by deep learning.ai on coursera**

School Projects:

- **Natural Langue Processing with Prolog** – Processing Frensh sentences to recognize the grammatical structure and current spiling and gramatical mistakes
- **Data Mart for the sales in a super Market** – Talend Open Studio , Jesper Reports
- **Facial detection and recognition** – Python , OpenCV, Sklearn .
- **Web application for courses management in INSEA** – HTML, CSS, PHP, SQL.
- **Movies Recommendation Web app -** Machine Learning ,HTML, CSS, JS, MongoDB.
- **Mini-Compiler and interpréter** – Java.
- **Simulation of the Dilemma of prisoner** – Vba Excel .
- **API for fraude detection in online transaction** – Kaggle Master card dataset , logestic regression,Python , Flask python framework .

Langues:

- **Arabe (Fluent),Frensh(Read and Write) et English (Read and write)**