

Zakaria ELBAZI

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**Data Engineering and business
intelligence student at
INSEA,Rabat,Morocco**



Education :

2016-2018

Rabat

Master of Engineering in Data Engineering and Business Intelligence

The National Institute of Statistics and Applied Economics - INSEA

2014-2016

Marrakech

CPGE Maths physique

CPGE Ibn Timiya

2012-2014

Marrakech

Bachelor's degree, Maths

Royal Preparatory College for Aeronautical Techniques (Royal Air Forces) – CRPTA/ERA

Expériences :

Mars 2019 - Current

Excelerate Systems - France (www.exceleratesystems.com)

Graduation internship. (Bordeaux , France)

Real time Image/video processing and Deep learning/Machine learning models implementation.

Juillet - Septbmer 2018

IOO, Intelligence Of Objects (www.ioo.ma)

Internship. (Rabat , Morocco)

The implementation of an intelligent traveling recommendations engine and developing a mobile app for traveling recommendations . (micro-services architecture , machine learning).

Mai - July 2017

Vul9 Security Solutions (www.vul9.com)

Remote Internship. (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 .
- **Certificate en entrepreneuriat social** (06 Avril – 08 juin 2018)– M2GATE: Mena Michigan Global Action Through Entrepreneurship: Online exchange program to promote entrepreneurship in the Mena region.
- **IBM big data developer certification.**
- **Tensorflow for AI, Machine Learning, and Deep Learning certification** on Coursera.
- **Publishing on Hakin9 Magazine (USA)** – AI for Cyber security (ML based malware detectors)

School Projects:

- **Natural Language 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 , logistic regression,Python , Flask python framework .

Languages:

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