MAIMOUN BAKR
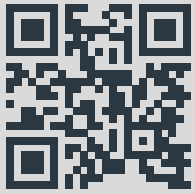
SOFTWARE ENGINNER,
JUNIOR WEB DEVELOPER,
JUNIOR DATA SCIENTIST

CONTACT ME

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MORE INFOS

Born at 09/12/1993 in Chefchaouen
Chemi Color, La Gironde, Casablan-
ca, MAROC.

EXTRACURRICULAR ACTIVITIES

Membre of the Blue Lens Photography Association	2011-2014
Club JAPONAIS ENSIAS	2015-2016
Club JAPONAIS ENSIAS	2015-2016
Club ENSIARTS	2015-2016

LANGUAGES

Arabic
English
Frensh

INTERETS

Photography, Design, Social Develo-
pement, Mythology, Tripping.

About Me :

Hello ! My name is MAIMOUN Bakr (Bakero).
I have more than one year of experience working in web developement.
I have a junior experince in deep learning and computer vision (Graduation Project).
Currently work as a Developer at Payment Center for Africa,
I'm working now in digitalizing the workflow of credits applications for SME .
I'am looking for data driven & machine learning related project or job opportunity,
I'm intrested also in web developement missions.

EDUCATION

2014 – 2017 : SOFTWARE ENGINEERING DIPLOMA at ENSIAS.
Web & Mobile Engineering - Web Intelligence option.

2012 – 2014 : PREPARATORY CLASSES at CPGE SETTAT.
Technology & Indistrual Science (TSI).

2010 – 2012 : BACHELOR DEGREE at Lycée AL KHAWAREZMI.
Science & Mechanical Technology(STM).

PRINCIPAL QUALIFICATIONS

REQUIREMENTS & METHODOLOGY
- Requirements Engineering (Elicitation, Analyses, Specifications & Validation).
- Unified Process implementation (Inception, Elaboration, Construction, Iteration).
- Modelisation & Design.

TESTING & QUALITY
- Units Tests, E2E Tests ,Test Pyramid Methodology.
- Normes of code, Refactoring.

SCRUM
- Well understanding of the framework.
- Backlog grooming.

PROFESSIONAL EXPERIENCES

FULL STACK DEVELOPER AT PCA Morocco, Nov 2017-Present.
JAVA EE, Spring boot, JavaScript (ECMA), React JS, ...

INTERNSHIP AT DIGIMIND, Mar-Sep 2017 (6 months).
Deep Learning, Neural Networks, Tensorflow, Python, ...

INTERNSHIP AT ZS EVENT, Jun-Sep 2016 (4 months).
JAVA EE, JSF, EJB, Hibernate, PrimeFaces, ...

INTERNSHIP AT PERFA MAROC, Jun-Aug 2015 (3 months).
PHP, Symfony 2, JavaScript, PostgreSQL, ...

ACADEMICAL & TECHNICAL SKILLS

Frameworks & Libraries :
WEB: React Js, Redux, Angular, JQuery, JSF.
MOBILE: React Native, Ionic, Android.
TRANSVERSE: Spring(Core, MVC, Security, Batch, AOP), Laravel, Symfony.
PERSISTANCE: Hibernate, Spring Data, JDBC.
REPORTING: JasperReports.
UNITS TESTS: JUnit, Karma.
E2E TESTS: Selenium, Protractor.
DATA SCIENCE: Tensorflow, tf.contrib.keras, scikit-image, openCV, Scipy Stack(Numpy, Pandas, Matplotlib,...).

Programming Languages :
Java 8, JavaScript, Python, PHP ,Shell , PL/Sql .

Tools :
VERSIONING: Git, SVN.
DEPENDENCIES: Gradle, Maven, npm, Composer.
THIRD PARTY : JBoss, Apache Tomcat, Glassfish, Jenkins.
IDEs: Eclipse, NetBeans ,JetBrains, Web Developer Tools, ...

Standards & Specifications:
JAVA EE: JAVA EE 8, JAVA Patterns, Java EE Patterns.
ECMA Script: EC6.

D B M S, Storage & Virtualisation:
Oracle, SQL Server, PostgreSQL, MongoDB, Admin BD ORACLE/M.SQL Server, Apache Hadoop,V-Sphere.

OS, & Systemes Administration :
Linux, Windows, Mac Os, Admin Linux/Windows.

Certifications :
International SCRUM Institute Cerftification of SCRUM

Academical skills :
DATA SCIENCE: Machine Learning, Deep Learning, Neural Networks.
COMPUTER SCIENCE: Cloud Computing, Big Data.
DATABASE ADMIN: Backup Strategies, Replication(RAIDs), Load Balancing,...
NETWORKS: CCNA 1, 2 & 3.

Analyse,Méthodology, Modelisation & Design :
UML, Agile (SCRUM), Design Patterns,MERISE.

DETAILS OF EXPERIENCES

November 2017-Present :
FULL STACK DEVELOPER AT PCA Morocco

Mission at CNRD(Filiale de Banque Populaire) to participate with a team of 10 persons in digitlizing the workflow of credits appplications for Small and medium-sized entreprise.

ROLE : Junior FULL STACK Web Developer.
TASKS: Develop Front End & Back End User Stories, Refactoring Code, Participate in the Design of solutions, Following The SCRUM agile framework.
TECHNOLOGIES : Java EE, Spring Boot, Spring Security, REST, React Js, Redux, Jasper Report, Selenium, Junit.
DEV FACTORY: Eclipse, Web Storm, JBOSS, Tomcat, MS SQL SEVER, Jenkins, Sonar Qube, SVN, Trello.

March-September 2017 :
INTERNSHIP AT DIGIMIND Morocco

Design & Build a model for Brands Detection & Emotion recognition in images based on Convolutional Neural Networks . And Developing a Web Service and a web application to consume the Model.

ROLE : Intern Data Scientist Developer.
TASKS: Benchmark the different frameworks of data Science, Search & develop the Deep Neural Network Architeture, Search & prepare data from different sources, Fine tuning the model params to improve it accuracy, Following the SCRUM Framework.
TECHNOLOGIES : Python, Tensorflow, tf.contrib.keras, Conda & Anaconda, OpenCV, Spring Boot, Angular.
DEV FACTORY: Pycharm, Jupyter Notebook, Python Envirements, Amazon AWS , Docker.

JUNE-September 2016 :
INTERNSHIP AT ZS EVENT

Contribute in developing a web application for calculating, managing & reporting taxes biling for the municipal of MARRAKECH.

ROLE : Intern Web Developer.
TASKS: Develop Front End & Back End Tasks, Deploy the solution in a production envirement, Information System urbanisation
TECHNOLOGIES : Java EE, JSF, EJB, Hibernate, PrimeFaces, MySql, JasperReports, Log4j, Java Reflection API.

OTHER EARLIER EXPRIENCES & WORKSHOPS

ONLINE-TICKET, SCHOLAR PROJECT Nov-Dec 2016
Work with two junior developers to build a web service, a web application and a mobile application for managing tickets selling distribution for train/Tram.
Spring Boot, Angular JS, Android, Web Services,...

DOCTOR HELPER, SCHOLAR PROJECT April-May 2016
Building a web application that can be used by doctors to organize their diagnostics process.
Laravel(RESTful), AngularJs, MongoDB.

NETWORK INFRA, SCHOLAR PROJECT Fev-March 2016
Design and implement a network infrastructure for a company.
Wiring, Switchs & Routers, Architecture design, Configuration, VPN,...

ENSIAS STUDY, SCHOLAR PROJECT Oct-Dec 2015
participate in building a document sharing and evaluation plateforme for students.
Java EE, JSF, PrimeFaces.

STOCKS PREDICTOR, INTERNSHIP June-Aug 2015
Developing a web application to predict spare parts orders (Based on the history of replacement), and to manage stocks delivery and consuming.
PHP, JavaScript, BootStrap, MySQL, XML, RDF

STUDENT GUIDER, SCHOLAR PROJECT March-May 2015
Design and implement a model to evaluate and recommend resources uploaded by students(based on recommendation systemes).
PHP, JavaScript, BootStrap, MySQL, XML, RDF