

Software Engineer , Full Stack JavaScript Developer



Diallo Jaafar

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Technical Skills

JavaScript

React

ReactNative

Redux

Angular/Ionic

Nodejs

Python

HTML5

CSS3/SCSS

Bootsrtap

Firebase

SQL

MongoDB

Agile/Scrum

CRISP-DM

Git

Academic and personal projects

✓ Infomation Retrieval (PFA)

Apply the different algorithms of IR approchoes in a corpus in ordre to compare their performance.

Technologies : Python , Word2Vec, ANN , BM25 .

✓ Smart sensor network :

Deploying sensors , acquiring data , process the acquired data and giveus the result in order for us to make decisions .

Technologies : Zigbee , Xbee , python , pir , LM35, breadbord ,ubidots ( Academique project).

✓ Image Captionning :

Provide descriptions or annotations for images given as input.

Technologies : RNN , DNN , Python , Keras , Theano , pytxt. . (Academique project)

✓ Dispositif Interactif (Smart Album) :

Use computer vision to recognize gestures and position of the hand , then based on this gestures , an action will be trigred in order to consulte the album per page.

Technologies : Python , OpenCV , Image processing.

Certificats

Front-End Web Development with React by The Hong Kong University of Science and Technology on Coursera. Certificate earned at Monday, October 21, 2019 8:22 PM GMT.

Front-End Web UI Frameworks and Tools: Bootstrap 4 by The Hong Kong University of Science and Technology on Coursera. Certificate earned at Friday, May 3, 2019 5:03 PM GMT.

Front-End JavaScript Frameworks: Angular by The Hong Kong University of Science and Technology on Coursera. Certificate earned at Friday, July 19, 2019 1:24 AM GMT.

Studies

2017-2020 : Engineering Degree in Computer science and multimedia .

High institut of multimedia of manouba.

2014-2017 :Fondamental License in Computer applied in management Faculty of economic and managment of Nabeul (FSEGN)

2014 : Baccalauréat , Mathématiques with Mention Bien.

Internships

✓ AI developer , Intern at Talan Tunisia :Feb-June 2020

RealTime Sign Language Recognition , Sound Environment Detection, Speech to text .

Technologies : NLP , RNN , CNN , Computer Vision , Ionic , nodejs, python,WebRTC.

✓ Computer Vision Developer , Intern at SIMAC ,Computer:24/06/2019-23/07/2019

Biometric authentification system using Fingerprint and face recognition.

Technologies : C# .NET , Zkteco , U.are.U, EmguCV ,Image processing...FaceAfis

✓ Python Developer , Intern at TSD: 01/06/2019/-01/07/2019

Design a plugin for QGIS to collect goods from different magasins, and optimise the ressources.

Technologies : Python , Qgis , Postgresql, QT .

✓ Xamarin Developer , Intern at Sysatoo : Fevrier-juin 2017

Design and developpe a module for loyalty cards that can be used by many magasins and integrate it to existing ERP .

Technologies : C#, NET Framework , Web service, Xamarin , ERP .

Languages

English : Advenced level , C1.

French:Advanced level ,C1.

Arabe : used in daily life.

Hackaton

Coding Land V3 : Hackathon during which a group of student working in team for 24h(all night ) to build and design a solution for a specific problem

Problem Solving TOPCoders : is a big programming competition in Tunisia , each team is invited to solve a maximum number of problems ( Optimisation problems , graph theory ) using c or java programming langage.

Social activities

Staff with in sponsoring departement of J2I (Jeune Ingénieur ) club .

Interests

Manga : One Piece.