Mustafa **Abdulaali**

FULL STACK WEB DEVELOPER · MACHINE LEARNING ENGINEER · DATA SCIENTIST

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"Everything is theoretically impossible, until it is done."

Work Experience

Freelance
Malaysia / Iraq / Remote

FULL STACK WEB DEVELOPER - FREELANCE
2015 - PRESENT

Write well designed, testable, efficient code by using best software development practices. Create website layout/user interface by using standard HTML/CSS practices. Integrate data from various back-end services and databases. Gather and refine specifications and requirements based on technical needs. Create and maintain software documentation. Responsible for maintaining, expanding, and scaling websites. Stay plugged into emerging technologies/industry trends and apply them into operations and activities.

Advanced Robotic Lab, University of Malaya.
Kuala Lumpur, Malaysia

MACHINE LEARNING PART TIME STUDENT RESEARCHER
Jan. 2016 - PRESENT

- Face Identity Validation using siamese network one-shot learning with Keras.
- Semantic Segmentation in Clothing (clothing parsing) from fashion photographs.
- Cancer classification and lung nodule localization from CT scans with 3d deep convolutional network.
- Multi-purpose real-time classification for age / gender / emotion classification.
- "Color Detection in fashion images" Japanese competition by UNIQLO, Got 22 Rank out of 219.
- Built and deployed RESTful API server for Deploying Keras models on AWS Stack.
- Sentiment analysis on Arabic scraped reviews / tweets using LSTM.

Ubus
Kuala Lumpur, Malaysia

PART-TIME FULL STACK DEVELOPER, DATA SCIENTIST
Aug. 2016 - Apr. 2017

- GPS Data Analysis to obtain E.T.A. (Estimated time of arrival) and Schedule For individual Buses on the specific route . Using python and pandas
- CMS For Fleet Management using Laravel and bootstrap.
- Interactive Web-application for Route Creation editor using JavaScript and Google maps api.
- Real-Time GPS Tracking and visualization using JavaScript and Google maps api.
- Python RESTful API server on AWS (Amazon web services) for managing GPS Data and using RDS for Database.
- Using Google's Firebase Api for sending notification the customer when the bus is arriving.

The Scholarship and Cultural Relations Directorate.
Baghdad, Iraq

WEB APPLICATION DEVELOPER, DATABASE AND SYSTEM JUNIOR VOLUNTEER
Jan. 2015 - Sept. 2015

- Working on Student e-Gate for managing student applications And paperless application to scholarships processes and managing by employees, also to implement a fully automate employee work space for managing the work-flow.
- Design the front-end using bootstrap and JavaScript, with different styles for students and employee.
- Automated Work-Flow System, with dynamic routing in the internal company structure, designed to resumable Tree architecture.

Shababalgad Oil Services Co
Benghazi, Libya

WEB DEVELOPER, GRAPHIC DESIGNER
2009 - 2013

- Developing The company website and maintaining it, Problem-Solving both hardware and software issues, and Design the website Logo and Identity.
- Design the front-end and back-end for the company and maintaining the content and update the company updates.

Sekelis International LTD
Benghazi, Libya

IT TECHNICAL SUPPORT JOINER
2008 - 2009

- Problem-Solving both hardware and software issues, and Installing and configure systems

Computer Skills

- Proficient in machine learning and deep learning skills for multiple application including computer Vision, Recommendation Systems and Classification
- Decent experience in data science skills for finding trends, statistics and finding probabilities from raw data.
- Experienced use of modern source control (Git).
- Python, Numpy, SciPy, Scikit-learn, Pandas, OpenCV
- Strong coding ability in production clean and efficient code as well as debugging and understanding large code base.
- TensorFlow, Keras.
- HTML5, SQL, JavaScript, NodeJS, C#, Java
- Djengo, Flask, Bootstrap, Laravel
- Naive Arabic speaker and fluent in English.

Education

University of Malaya *Kuala Lumpur, Malaysia*

Master of Computer Science in Artificial intelligence *Sept. 2015 - Exp. Aug. 2018*

- Thesis : SuperPixels Features Extractor Network (SP-FEN) for Clothing Parsing Enhancement.

Saqr University *Benghazi Libya*

B.S. in Computer Science *2010 - 2014*