



Rana Muhammed Abdelsalam

SENIOR COMPUTER SCIENCE STUDENT

ABOUT

An ambitious Senior Computer Science Student with high productivity to pursue challenging opportunities with a collection of reliable skills.

TECHNICAL SKILLS

- Java - Professional
- C++ - Professional
- PHP - Professional
- Android - Intermediate
- MySQL - Professional
- Javascript - Professional
- Python - Professional
- HTML/CSS - Professional

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PERSONAL HOBBIES

- Technology
- Badminton
- Photography
- Travelling
- Charity :
 - Ac member at "Ascc for help" student activity for 2 years.
 - Oc member at "Move" student activity for 1 year.

EDUCATION

BACHELOR OF COMPUTER SCIENCE

- Misr International University
Expected to graduate by June 2019.

- AlSayeda Aisha Language School

GRADUATION PROJECT

LOCO : IOT DEVICES LOCATION RECOMMENDATION SYSTEM

The first system that works on improving the indoor placement of IOT devices in order to reduce the power consumed by the devices and extend their lives, the different models were classified using a model trained on the dataset created by the team themselves including around 300 models with different power consumption values.

-Tools :

- Python(Tensorflow - Keras - Sklearn -Numpy - Opencv - Matplotlib)

•Django

•PHP

-Role: Team Leader(Key Player).

SIGNIFICANT COURSES

Networks I and II -

Networks&Security - Data

Structures -Object Oriented

Programming- Web Development-

Mobile -Data Mining- Machine

Learning - Embedded Systems.

MOST SIGNIFICANT COURSE PROJECTS

•Software Engineering

Project: Nursery System

Language: PHP-JAVASCRIPT-HTML-CSS

Description: A nursery system includes an administration system, an e-mail system, design patterns, well-developed database, a whole dynamic website, and a reliable source of information keeping, the system was presented to a real customer.

Role: Team Leader

•Artificial Intelligence

Project: Related Tweets Clustering

Language: Python

Description: The projects offers the facility of matching users' search requirements and giving recommendations based on their interests by using a clustering algorithm on a set of unlabeled entries and grouping them based on a given criteria.

Role: Team Leader

•Mobile Development

Project "Seven"

Language: Android

Description: An online based fitness application that proposes an administration system and full usage and control of the seven minutes workout offered by the application, data is stored and retrieved from the database.

Role: Team Leader

•Web Development

Project: Online employee portal system for an airlines company "Tayara"

Language: PHP-JAVASCRIPT-HTML-CSS

Description: This website includes all the facilities for managing all employees authorizations (pilots- flight attendees -Hr -administrative,etc..) and managing their tasks.

Role: Team Leader

•Object Oriented Programming

Project: Inventory Management System

Language: Object Oriented Java

Description: This programs qualifies an eligibility for managing a real working inventory store (Data entry,processing and storing).

CERTIFICATES/ACHIEVEMENTS

•Asset Technology Group 7/2017-8/2017

Web development internship.



•Perspective On Automatic Floor Map Generation for IOT Devices

A paper titled "Perspective On Automatic Floor Map Generation for IOT Devices" accepted for publishing in 2018 in IAEME's International Journal Of Civil Engineering And Technology(IJCET).



•Emirates NBD's Future Intelligence Program

Participated at an Emirates NBD's competition for undergraduates "Future Intelligence Program" ,had the opportunity to perform on stage for more than 300 audience and was ranked at the 5th place.



•Successfully completed the requirements for Emc Academic Associate, Information Storage and Management.

PERSONAL SKILLS

- Adaptive
- Responsible
- Quick Learner
- Good Time Management Skills
- Good Communication Skills
- Punctual
- Efficient

LANGUAGES

- English - Fluent
- Arabic - Mother Tongue
- German - Intermediate