

Marwa Belal

Software Engineer

Giza, Egypt

+201157591149

marwabelal105@gmail.com

10th of May 1997

EXPERIENCE

Tactful.ai, Cairo, Egypt — Software Developer Intern

July 2018 - August 2018

Building chatbots using Conversation Design and UI , Botkit, Node.js , Express.js , JavaScript , APIs, Unit Testing .

PST , Cairo, Egypt — Junior Trainee

2016 - 2017

Problem solving Training powered by ACPC.

ACHIEVEMENTS

Nile University — Challenger at NASA Space Apps Hackathon

19 - 20 October 2018

Our role is to build a Web Application from scratch which solve a problem of "WHAT THE WORLD NEEDS NOW IS.." using APIs.

Nile University — Participant at Space Apps Data BootCamp

October 2018

Series of interactive conferences (Ideation , Innovation and Enterprise Ship) and workshops (Android Development , Data Science .. etc)

Information Technology Institute - ITI — Participant at Google Developers Roadshow MENA 2018

September 2018

Simple workshops (Flutter Workshop , Progressive Web Applications - PWA , Google Assistant .. etc) providing the latest updates on Google.

VOLUNTEERING

Eng Break, Faculty of Engineering - Cairo University — It Member

July 2016, May 2017

Eng Break is a student activity which is providing creative projects

EDUCATION

Faculty of Computers and Information - Cairo University

2015 - 2019

Major: Computer Science

Minor: Decision Support and Operations Research

Grade: Good

SKILLS

● Java, JavaScript, C++ , Php , Python , C# , C

● Html,Html5,CSS,JQuery

● Automated Testing, Unit Testing , Selenium

● Assembly , MPI , OpenMp

● Problem Solving , Algorithms , Data Structures , Object Oriented Programming (OOP), Software Engineering , Machine Learning , Concepts of Programming Languages , Genetic Algorithms , Natural Language Processing , Compilers

● Spring boot technologies

● Node.js , Express.js , APIs , LINQ

● SQLite , SQL , MySQL , MongoDB

● Git , Github , GitKraken

focus on learning with teams, Our stack:

- Html, CSS, JQuery , JavaScript , Php and Responsive Design

PROJECTS

Graduation Project “ Phonograph ”

Phonograph is a smart call assistant that targets mainly restaurants and customers in order to facilitate the process of placing an order , inquiring information about restaurant , reserving a table for the customer.

It helps also the restaurant owners to reduce the financial requirements of hiring expensive call agents to receive customer’s call in english.

- Android , Web Development , Django , wit.ai , Python , Google APIs

Text Classification

Perform text classification using a machine learning classification model and the results of tf-idf as a feature vector.

- Python

Image Recognition

A model using Neural Network, using many architectures like different hidden, activation function and number of neurons.

- Python , Tensorflow

Thrift Shop

A program to manage the products of a shop by implementing some operations. The data is persisted in DB (SQLite).

- C# , SQLite , LINQ

Musicly

An application to play and organize music , It has list of playlists , Each one has name , brand , features artist/s , album , release date... etc.

- Python , Database(SQLite)

Automated Testing Project

An Application that uses Selenium to test Library System [Library System](#) .

LANGUAGES

Arabic , English

LINKS

[LinkedIn](#) , [Github](#)

COURSES

- IBM Blockchain Essentials - IBM
- Android - Udacity

- Selenium , Java

Software Engineering

Small online store that Store owner can add products or add new store, Admin accept the stores and user can buy.

- Class diagrams, sequence diagrams, use cases , Java , Spring boot Technologies

Online Store

Website about online store that sells t-shirts, mugs, notebooks. User can register, buy products and login, Our stack is:

- Html, CSS, JavaScript, bootstrap , MySQL , PHP