

Mariam Ehab Samir

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4th of December 1997

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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.

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.

Eng Break —Quality Management Coordinator

August 2017 – May 2018

At Eng Break we are providing creative projects focusing on values of pioneer's generation.

My responsibilities:

1. Coordinate supervising and analyzing activities.
2. Evaluate data and develop accurate.
3. Concise and useful quality management documents following Eng break procedures.

Eng Break —IT Member August 2016 – May 2017

At Eng Break we are providing creative projects focusing on values of pioneer's generation.

My responsibilities:

1. Develop and update Eng Break's Website.
2. Develop and update needed forms for registration in any events related to Eng Break.

Technical Skills

- Java, C++, PHP, Python, C#
- OOP
- Software Engineering
- Web Design
- Web Development
- 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 , APIs ,
- Git , Github

Database Tools

- SQLite
- SQL
- MySQL
- MongoDB

Soft Skills

- Team Worker
- Self Learner

Feera —Juniors Moderator September 2016 - August 2017

At Feera we aim to be one of the significant organizations that lead the movement of the technological awareness in addition to playing a significant role in the community and career development of the youth.

My responsibilities:

1. Bring content to teach kids concepts of programming.

Teach them and make a small python project with them.

Microsoft Tech Club —Web Design Participant

September 2016 - August 2017.

At Microsoft Tech Club at Cairo university has a clear mission to help the students in the campus and to be there for any kind of support needed whether it's technical or non-technical.

My responsibilities:

1. Learning to build web pages using html, CSS

Software/Programs

-Microsoft Office (Word, PowerPoint and Excel)

LANGUAGES

-Arabic – Native

-English – Very good

LINKS

-Github: maryammehabb

-Linkedin: maryammehab

EDUCATION

Student at Faculty of computers and information – Cairo University 2015 - 2019

Major: Computer Science

Minor: Decision Support and Operations Research

Grade: Good

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

- Selenium, Java

Software Engineering

Small online store that have admin, store owner, normal users. Store owner can add products or add new store, Admin accept the stores and user can buy, All of them can register and login.

- Class diagrams, sequence diagrams, use cases
- Java, spring boot technologies

Information Technology

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

- Html, CSS, JavaScript
- MySQL, PHP

Eng Break Website

Website for student activity, has history of Eng break, All events and gallery

- Html, CSS, JavaScript,
- MySQL, PHP