

Rehab Mahmoud

Software Engineer

personal information

- **Email:** rehabmahmoudali0@gmail.com
- **Phone:** +201141280601, +201033612904
- **GitHub:** <https://github.com/rehacvh>
- **Address:** Cairo, Egypt.
- **LinkedIn:** <https://www.linkedin.com/in/rehab-mahmoud-aa434322>

Career Objective

As a Fresh Graduate Software Engineer, I aim to leverage my academic knowledge and work experience to secure a Software Engineer position and build a successful career in software engineering, development, and research.

EDUCATION

Bachelor's degree in computer science, Computer and information science Ain shams University.

GPA Very Good

from September 2019 to May 2023

Graduation Project

HAYAH

The blood donation app presented in this project aims to streamline and enhance the blood donation process by connecting blood donors with blood bank in a convenient and efficient manner. With the increasing demand for blood transfusions and the challenges associated with finding compatible donors, this application serves as a crucial platform to bridge the gap and facilitate lifesaving donations.

SKILLS

- | | |
|--------------------------------|----------------------|
| • Database SQL | • C / C++ |
| • Data Structures & Algorithms | • C# |
| • Git / GitHub | • HTML /CSS |
| • Data Wrangling | • Java |
| • Data Preprocessing | • Python |
| • Linear Algebra Statistic | • JavaScript |
| • Object Oriented Programming | • Cloud Computing |
| • Social media network | • Data Visualization |
| • SQL | • Data Cleaning |
| • Database Management | • Design Pattern |
| • My SQL | • System Analysis |
| • Data Warehouse | • Pandas |
| • SQTB fundamentals | • NumPy |
| • Api Testing | • Data Manipulation |
| | • Selenium |

WORKSHOPS

Employability Skills Training , ASU Career Center
Problem Solving level 1 with 180 Degree Student
Android training at FCIS
RoboTech at FCIS

Android training at ITI (72 hrs.)
Web training at FCIS
Flutter training at FCIS

PERSONAL PROJECTS

ECommerce Android App

this project as academic project in FCIS AINSHAMS UNIVERSTY Using java and database. contain login page, register, login as adman, logout, my cart , search , home , order address , confirmation order , calendar , upload , update , Delete, category ,Generate , reset , feedback and rating , report generation ,chart generation ,remember me ,forget password , get ,add , remove ,search Keyword by voice .

Pizza Design Pattern

Pizza Design pattern using C++ Language App Contain My Profile, New Password, your orders, Select Order, Logout.

GIS Project

Using the datasets “countries”, “populated places”, “roads”, “airports” & “ports”

Cloud Computing Spring app

Create the desired steps in the Docker file to finish the deployment of the application.

The image for Java is adoptopenjdk/openjdk11:alpine-jre. This is an Alpine based build which is smaller and more streamlined than the official image. You need to navigate to /opt/app directory, then copy the jar file. target/spring-boot-web.jar that contains the spring app to that directory. The app is running on port 8080

data-scientist-salaryprediction

Dataset Name: ds_salaries the dataset contains 11 columns and 5755 rows['work_year','experience_level','employment_type','job_title','salary','salary_currency','salary_in_usd','employee_residence','remote_ratio','company_location','company_size']

TV channel system

A description of system database using ERD and Schema extract meaningful insights from various sources. will use a combination of data manipulation and visualization to explore television data.

Computer-Security

this project as academic algorithms-master project in FCIS AINSHAMS UNIVERSTY contain Caesar, Columnar, Diffie Hellman, DES3DES , ElGamal , Extended Euclid , Hill Cipher, MD5, Monoalphabetic, Playfair, RailFence, RC4, RSAT.

arkanoid

Game By Java & JavaFX lib block breaker arcade game the game begins when you have some rectangles blocks that you want to break by a ball you can control the ball with a paddle.

Bikeshare

Udacity-Project---US-Bikeshare-Data-Analysis master

investigate TMDb Movies Dataset

TMDb movie data set is used to investigate and analyze data. It contains information about 10,000 movies collected from The Movie Database (TMDb), including user ratings and revenue.

FOS Operating System Memory Management

this project as academic project in FCIS AINSHAMSUNIVERSTY contain malloc , alloc mem , free , free mem , best fit method to store in memory.

Data Analysis for Customers Dataset In this project use Cleaning techniques, regression and visualization.

CERTIFICATES

Training, Employability Skills Training

This training included sessions on how to discover ourselves and know our values and how it shapes our behaviors, effective communication workplace how to present ourselves in a professional manner, teamwork and essential skills needed to get job

July

2022 ASU

,Career Center

Developing Mobile Applications using Android (72 hrs.),

Chairman, Information Technology Institute course Title

Java Programming (36 hrs.)

Mobile Applications Development for Android (36 hrs.)

This certificate was issued upon his/ her request without any responsibility on the institute side.

July 2022

ITI

completed the data analysis channeling track, Udacity itida

static analysis , probability , basic Python

From February 2022 to March 2022 Egypt fwd contain

ML Trak, GDSC Assiut University

From October 2022 to November 2022

Intro to Data Science

Intro to Machine Learning

Machine Learning API

Machine Learning Project Structure

Intro to TensorFlow Machine

Learning Infrastructure.

Experience

Instructor at Codemy Academy (2023- present)

Internship at ITI

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