Mansour Amin

Senior .NET Developer/Software Developer/Freelancer

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○ Mansour Mohamed

Education

BSC Computer Science and Engineering,
German Univeristy in Cairo (GUC) ⬀
10/2019 – Present | New Cairo, Egypt

American Diploma,
Bedayia International School ⬀
2019 | New Cairo, Egypt

Professional Experience

Senior .NET Developer, *GAMAX Corporation* ⬀
12/2023 – present | Cairo, Egypt

Freelancer, *Freelancer.com* ⬀
02/2020 – Present
Work From Home

IT (Applications & Development) Intern,
Heidelberg Materials
09/2023 – 09/2023 | Cairo, Egypt

Software Developer, *Swivel* ⬀
05/2023 – 07/2023
Full Time (Remote)

IT Intern, *Ahli United Bank (AUB)* ⬀
07/2022 – 08/2022 | Cairo, Egypt

Languages

Arabic │ **English** │ **French** *(B1)* │ **German**

Interests

Pentesting │ App Development

Game Development │ Web Development

Certificates

Foundations of CyberSecurity ⬀
By Google

Play It Safe: Manage Security Risks ⬀
By Google

Projects

SpaceRunner, *Infinite Runner game* ⬀
10/2023 – 10/2023
Created an Infinite Runner game using unity as the Game engine and C#

2D-top-view-game_OpenGL ⬀
10/2023 – 2023
The player is positioned in the middle of the screen at the start of the game, Game obstacles are positioned around in the scene, Collectables and power ups are positioned randomly for each game run, Player's health bar, game score and game time are displayed on the screen.
A game created by OpenGl C/C++

Ransomware, *Malware* ⬀
05/2023 – 05/2023
Generate a random 128 bit key (16 characters) using ascii characters.
Find all .txt files on the victim's computer and Encrypt the bytes of these files.
Send that key back to the server.
Infect by sending your compiled malware to a list of emails.

Online Learning System, *Software*
10/2022 – 01/2023
- Used Agile to plan and develop the software.
- Used MERN Stack.

Core Skills

Research & Technical Writing

Communication & Presentation

Collective team mangament

Technical Skills

Java *(OOP and App Development)*

HTML, JS,EJS, CSS, *(Web Development)*

Python | **WordPress** *(Ecommerce)*

Android Studio *(Flutter)*

SQL *(MSSQL,MySQL,Postgresql)*

C,C++,C# *(Embedded C)* | **Unity** *(Game Dev)*

Pentesting | **Asp.net**

Microsoft Office *(Word,,Excel,PowerPoint)*

MERN Stack
(MongoDB,Express(.js),React(.js),Node(.js))

NoSQL *(MongoDB)* | **Node.JS** | **Express.JS**

React.JS | **Flutter Flow** | **UI/UX** | **VHDL**

Extracurricular Activities

El Msa7aratya (Charity), *Member*
06/2017 – 06/2019 | Cairo, Egypt

TEDx, *Back Stage*
01/2018 – 06/2019 | Cairo, Egypt
Organization Team

MUN, *Delegate*
01/2018 – 09/2021 | Cairo, Egypt
HIAMUN,BIS-MUN, and GUCMUN

TIQ, *Debater*
10/2019 – 06/2021 | Cairo, Egypt

CyberOps, *Member*
11/2021 – Present | Cairo, Egypt

Ayb (Charity), *Member*
11/2022 – Present | Cairo, Egypt

Google Development Group (GDG),
Member FundRaising
11/2022 – Present | Cairo, Egypt

Smart Car, *Hardware*
10/2022 – 01/2023
- Implementing self driving and parking car using Arduino
- used sensors for lane, fuel detection and rain wipers

E-commerce, *Software*
12/2022 – 01/2023
Website that can handle users simulaneously
Used NodeJS for the backend
Used HTML, CSS, and EJS for frontend
Used MongoDB for users' data
Hosted it online on Heroku

Washing Machine, *Hardware*
11/2022 – 12/2022
Used FPGA board and sensors
Programmed VHDL

Virtual Clinic, *Software*
05/2022 – 06/2022
Designed UI/UX for a virtual Clinic Website
Used Marvelapp

Image Processing Website, *Software*
01/2022 – 02/2022
Created a Website for changing images' contrast and brightness
Implement with JavaScript, HTML, and CSS

Post Graduate Database System, *Software*
11/2021 – 01/2022
Full Stack System that keeps track of all post graduate's data in a University.
Designed the database schema and represented it using EERD.
Used MySQL for creating tables and its procedures.
Used ASP.NET for the website's development.
Used C# for the Back-End.
Used HTML/CSS for the Front-End.

Cache System, *Software*
05/2021 – 07/2021
Implemented using prolog once and another using Haskell

The Conqueror, *Software*
04/2021 – 07/2021
Empire Building Game.

Revive, *Member (R&D)*
02/2023 – Present | Cairo, Egypt

Applied OOP,Exception Handling, and MVC
Design Patterns
Used Java Swing for creating GUI