

Mahmoud Khaled

Back-End Software Engineer

Seeking a challenging position as a Junior FullStack Software engineer where I can make effective use of my skills to help achieve the growth of the organization as well as develop my knowledge, Having experience in developing Web Applications and Web APIs based on Microsoft ASP.NET technologies.

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WORK EXPERIENCE

Software Engineer Internship

Information Technology Institute (ITI) [↗](#)

08/2020 - 10/2020

Achievements/Tasks

- 2 months of training in the summer of 2020, learned a lot in the field of web development, developing web and windows apps using ASP.Net Core, C#, Entity Framework, SQL Server, LINQ.

PERSONAL PROJECTS

Online shopping website (12/2021) [↗](#)

- A Full E-commerce website that allow people to buy physical goods, services, and digital products over the internet rather than at a brick-and-mortar location .
- **Technology:** ASP.Net Core MVC , C# , SQL Server , Entity Framework, Microsoft Identity , LINQ, JavaScript , JQuery , HTML , CSS , Bootstrap.

Pies Shop Website (07/2021) [↗](#)

- simple E-commerce Website for selling pies
- **Technology:** ASP.NET Core MVC –Identity –repository pattern -SQL Server-Bootstrap-C#

Book Store Web API (08/2021) [↗](#)

- Build Book Store Web API with ASP.NET Core, Repository Design Pattern, and SQL Server. Uses JSON Web Token (JWT) to manage authentication.

Arabic Compiler (11/2020) [↗](#)

- implement the first 2 phases of the 6 phases of the Compiler construction phases(Lexical analysis, Syntax analysis).
- **Technology:** C#, Windows Form

Maze Game (01/2021) [↗](#)

- a puzzle game where a player moves in complex and branched passages to find a particular location
- **Technology:** unity, C#

Mini Projects with JavaScript (10/2021) [↗](#)

- Doodle Jump game
- Flappy Bird game
- Tic Tac Toe game
- ToDo App

Patient Management System (04/2020) [↗](#)

- Desktop App that helps doctors in their work and also patients to book doctor appointments and view medical progress.
- **Technology:** C#, SQL server, windows form

Handwriting Characters Classifier (01/2021) [↗](#)

- Deep Learning Project aims to classify Handwriting Characters using Keras and CNN and Minist with an accuracy of 98.8%

House Prices predication (12/2020) [↗](#)

- predict the price of a home in Ames, Iowa country in the United States.

EDUCATION

Faculty of computer and information Assiut University

Computer Science department

09/2017 - 07/2021

Graduation Project: Excellent degree

- Solofit App: makes a plan for the bodybuilding, food trace, and Progress trace powered by AI solutions. my Role: I was responsible for computer vision tasks such as Food images recognition and classification, Data analysis.

SKILLS

Web Development

ASP.NET CORE

ASP.NET Web API & JWT Authentication

Entity Framework Core & LINQ

OOP

Data Structure & Algorithms

Git & Github

HTML5

CSS3

BootStrap

JavaScript & jquery & Ajax

Clean Code

Microsoft SQL Server & MYSQL

C#,C++

machine learning & Deep Learning

Teamwork

Communication

CERTIFICATES

ASP.NET MVC course at Information Technology Institute (ITI)(123 hours) [↗](#)

Course outline: C# programming language, OOP using C#, advanced C#, SQL Server database, LINQ and Entity Framework

Machine Learning course (20 hours) [↗](#)

Topics :Supervised learning , Unsupervised learning)

Deep Learning course (15 hours) [↗](#)

Topics: Neural Networks, Convolutional Neural Networks Recurrent neural network.

Microsoft Azure AI Fundamentals [↗](#)

Design and implement end-to-end AI solutions on Microsoft Azure Cloud.

18th place in ACM ACPC, Assiut Collegiate programming Contest (2018)

Awarded 18th place out of 50 Egyptian teams.

21st place in the 2020 upper Egypt collegiate programming contest [↗](#)

Awarded 21st place out of 80 Egyptian teams.

ORGANIZATIONS

ICPC Assiut University Community (09/2017 - 07/2021)

I was Contestant there, Solved +1000 programming problems with C++ and C# revolving around algorithms and data structures as quickly as possible

LANGUAGES

English

Full Professional Proficiency

Arabic

Native or Bilingual Proficiency