Hamed Ajaj

Backend Developer *

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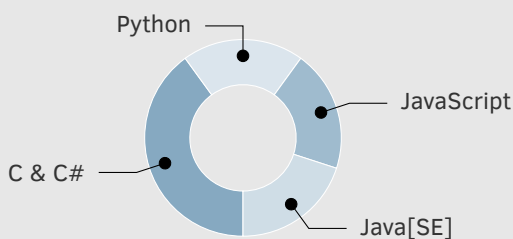- Egypt

Social Network ———————

- LinkedIn
- Github Projects
- Acclaim IBM Badges

Programming ———————

Python
JavaScript
C & C#
Java[SE]

Frameworks ———————

Django	● ● ● ● ○ ○
Asp.net Core	● ● ● ● ● ○

.Net technology ———————

ASP.NET Core	● ● ● ● ● ○
Web APIs	● ● ● ● ○ ○
MVC	● ● ● ● ● ○
Entity Framework Core	● ● ● ● ● ○
JWT	● ● ● ● ○ ○
Repository Pattern	● ● ● ● ● ○

Working Experience

Oct 2020	**Artificial Intelligence analyst trainee : IBM** *Attended IBM Artificial Intelligence Analyst* certification in section of Certification
Aug 2020	**EnnovEgypt trainee : TIEC** *Internship For Entrepreneurship* certification in section of Certification

Education

🎓 graduated

2017–2021	**Computer Science and Artificial Intelligence** Major : Computer Science.	Helwan University

Projects

2021	**Graduation Project : Eye Cancer Detection**

Conjunctiva melanoma cancer affects the eye and leads to serious diseases that may cause blindness, so in our graduation project we decided to do a project that detects this disease through the camera of the smartphone. This was during the spread of the coronavirus. It was preferable to People stay away from each other at this time.

Eye Cancer[Melanoma] detection using different techniques *Including GP:*

1. Image processing [Augmentation , Pre-Processing]
2. Deep learning [CNN Model , Pre-trained models]
3. Team member : 4
   (a) Split team to three parts to works in parallel :
       i. One for Image Processing.
       ii. One for Deep learning Model.
       iii. One for Software.
4. Build the most accurate model in this field.
5. Build Software, which helps patients to communicate with doctors and know if injured.
6. This project was Ranked amonge **top 3** graduation projects with grade **[A+]**.

2022	**BookStore : Book store web Api** *I used in this project:* Asp.Net core 5 , Entity framework core , Sql Server , JWT , Repository Pattern , ___ProjectLink___
2020	**BeLive : Telecom company website - Software engineering** *Agile method is used* We used PHP and MySQL to build this website.
2020	**Flower Classification : AI** *tensorflow and keras are used* with my Faculty team
2020	**Tompson-Sampling : AI** *Reinforcement Learning for Slot Machine*
2020	**Dominators : Algorithm**
2020	**2D-Fighter-Rocket-Game : Unity 2D** *we used Unity 2D with C_{harpe}*

Certifications

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Skills

Skill	Level
OOP	● ● ● ● ●
OOD	● ● ● ● ●
Data Structure	● ● ● ● ●
Algorithm	● ● ● ● ●
SOLID Principle	● ● ● ● ●
Design pattern	● ● ● ● ○
Problem Solving	● ● ● ● ●
System Analysis	● ● ● ○ ○
Agile Methodology	● ● ● ○ ○
IBM Watson	● ● ● ○ ○

Source Control

		Level
git	Git	● ● ● ● ●
	Github	● ● ● ● ●

Languages

	Language	Level
	Arabic	● ● ● ● ●
	English	● ● ● ● ○

Operating Systems

OS	Level
Windows	● ● ● ● ●
Linux/ Ubuntu , Manjaro	● ● ● ● ●

DBMS

DBMS	Level
SQL Server	● ● ● ● ●
MYSQL	● ● ● ○ ○

Intersts

Interest	Level
Software engineering	● ● ● ● ●
Problem Solving	● ● ● ● ●
Machine Learning	● ● ● ○ ○

Soft Skills

	Skill	Level
	Teamwork	● ● ● ● ●
	Member , Leader	

2020	**1. Data Structure and Algorithms Analysis - Job Interview** **Certificate link**
2020	**2. Introduction to Python** **Certificate link**
2020	**3. Artificial Intelligence Analyst 2020 - Mastery Award IBM** **Certificate link**
2020	**4. Machine learning V2 IBM** **Certificate link**
2020	**5. Watson Machine learning V2 IBM** **Certificate link**
2020	**6. AI For Everyone** **Certificate link**
2020	**7. Cloud Computing for Everyone** **Certificate link**
2020	**8. Object-Oriented Design** **Certificate link**
2020	**9. Design Patterns** **Certificate link**
2020	**10. Internship For Entrepreneurship : EnnovEgypt TIEC** **Certificate link**
10 may 2021	**11. Machine Learning Nanodegree** **Certificate link**
10 may 2021	**12. Web Application Technologies and Django** **Certificate link**

Competitions

7 Aug 2021	**2ND Egyptiain Junior Researcher Competition Nile University** **Certificate link**

Student Activity

Member in Media	In Ertaqe in FCIA-HU

About Me

An Independent and self-motivated professional with excellent research and skills, enthusiasm to learn new things and always try to do my best in any work assigned and always tries to be appreciated as well-performer