



# Hamed Ajaj

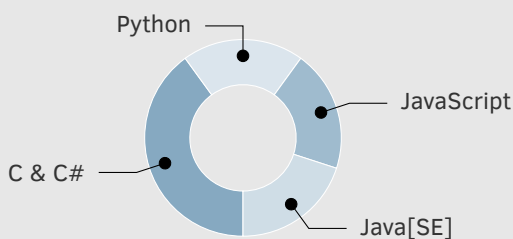
Backend Developer \*

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- Egypt

## Social Network

- LinkedIn
- Github Projects
- Acclaim IBM Badges

## Programming



## 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** Helwan University  
Major : Computer Science.

## 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:**
  - Image processing [ Augmentation , Pre-Processing ]
  - Deep learning [ CNN Model , Pre-trained models ]
  - Team member : 4
    - Split team to three parts to works in parallel :
      - One for Image Processing.
      - One for Deep learning Model.
      - One for Software.
  - Build the most accurate model in this field.
  - Build Software, which helps patients to communicate with doctors and know if injured.
  - 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<sub>h</sub>arpe*

## Certifications

# Hamed Ajaj

Backend Developer \*

## Skills

|                   |           |
|-------------------|-----------|
| OOP               | ● ● ● ● ● |
| OOD               | ● ● ● ● ● |
| Data Structure    | ● ● ● ● ● |
| Algorithm         | ● ● ● ● ● |
| SOLID Principle   | ● ● ● ● ● |
| Design pattern    | ● ● ● ● ● |
| Problem Solving   | ● ● ● ● ● |
| System Analysis   | ● ● ● ● ● |
| Agile Methodology | ● ● ● ● ● |
| IBM Watson        | ● ● ● ● ● |

## Source Control

|         |           |
|---------|-----------|
| git Git | ● ● ● ● ● |
| Github  | ● ● ● ● ● |

## Languages

|         |           |
|---------|-----------|
| Arabic  | ● ● ● ● ● |
| English | ● ● ● ● ● |

## Operating Systems

|                         |           |
|-------------------------|-----------|
| Windows                 | ● ● ● ● ● |
| Linux/ Ubuntu , Manjaro | ● ● ● ● ● |

## DBMS

|            |           |
|------------|-----------|
| SQL Server | ● ● ● ● ● |
| MYSQL      | ● ● ● ● ● |

## Intersts

|                      |           |
|----------------------|-----------|
| Software engineering | ● ● ● ● ● |
| Problem Solving      | ● ● ● ● ● |
| Machine Learning     | ● ● ● ● ● |

## Soft Skills

|                 |           |
|-----------------|-----------|
| 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

2<sup>ND</sup> Egyptain Junior Researcher Competition Nile University

Certificate link

## Student Activity

Member in In Ertage in FCIA-HU  
Media

## 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