MOHAMED ATTYA BEKHIT

(Junior Software Development Engineer)

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LinkedIn   GitHub

EDUCATION

Ain shams   **Cairo, Egypt**

B.SC, Computer science   July, 2018 -Sept 2022

•Graduation Project: bionic arm.

- Muscle sensor with machine learning

EXPERIENCE

Programming And Robotics Instructor at Discovery Academy   DEC 2021 – Present

- Responsible for Explanation and teaching of several programming languages for children from the age of 12 years.
- Teaching how to program useful robots and knowing the important parts of a robot.
- A coach in local and international competitions for programming and robotics. Recently, from the robotchallenge in Beijing, China, he obtained an excellent coach certificate.
- Writing the content of the courses in the academy and supervising them.

PROJECTS

- E-commerce website   2023
  - Back-end with ASP dot net core simple front-end bootstrap
  - Can Add, remove, edit, and delete any item.
  - Cart
  - Payment feature
  - Data base with SQL
- Shop System   2023
  - Back-end with ASP dot net core simple front-end bootstrap
  - Can Add, remove, edit, and delete any item.
  - Data base with SQL
  -
- Employee manager system   2023
  - Back-end with springBoot simple front-end angular
  - Can Add, remove, edit, and delete any Employee.
  - Spring data JPA to persist data in SQL.

- Vending machine system API (backend)   2023
  - Design an API for a vending machine.
  - Allowing for specific user to make specific event with (ROLE)
  - Using springBoot

- Cafe management system   2023
  - Java swing application
  - Mysql as database
  -
- Vision Arm   2023
  - Arm robot using computer vision used in industrial and medical.
  - First place at the level of Arab countries and third place in the world
  - vision arm

- Bionic Arm   2022
  - It is a bionic arm that works by classifying the signals generated by the potential. difference produced by the muscles across the sensor (EMG sensor).
- Home Automation   2021
  - Home Automation System with IoT (both hardware and software) and Google assistant.

- Robot Arm   2021
  - Robot Arm controlled by android application using Arduino C and java (both hardware and software).

- FCIS Quizzes Game   2020
  - FCIS Quizzes Game applying Data structure using Unreal game engine with C++.

- Plants VS zombies   2020
  - Plants VS zombies' game applying OOP concepts using Jmonkey game engine with java
  - [plants and zombies](#)

- Hospital Appointments System   2020
  - Hospital Appointments System android application using MSSQL and Android Studio IDE with

- Online Consultation System   2020
  - Online Consultation System with MS SQL database using software development cycle with C#.
  - [online consultation system](#)

- plants VS zombies' game   2019
  - Plants VS zombies game applying structure programing concepts using SFML with C++.

SKILLS & LANGUAGES

<u>Technical skills:</u>
- C++
- C
- C#
- Java
- Python
- Html, java script ,CSS, jquery
- .net
- API
- Spring boot
- Mysql
- OOP
- Algorithms
- Data structure
- Design pattern
- Problem solving

<u>Soft skills:</u>
- Communication
- Planning
- Leadership
- Time Management
- Problem Solving
- Attention to detail
- Organized
- Teamwork
- Project Management

<u>Languages:</u>
- Arabic (Mother Tongue)
- English (Excellent)