Fatma Mahmoud Ramadan

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EDUCATION

Cairo University Sep 2020 – June 2024

Fresh graduate from the Faculty of Computers and Artificial Intelligence, Computer Science department. (GPA: 3.12 / 4.00)

Internships and Scholarships

- 126 hrs. training at **ITI** (ASP .NET track) Certificate
- Web Development internship at **Code Soft** Certificate
- **Cyber Talents** Blue Team Scholarship 2023 Certificate
- finish Essential to Linux & Intro to Cybersecurity Bootcamp at **Cyber Talents** Certificate

PROJECTS

- **Deepfake Detection System (Graduation Project) Source Code**

  - a system designed to ensure digital media integrity. Utilizing ResNeXt-50, LSTM, and fully connected layers, it achieves 95.22% accuracy. Integrated into a scalable web app, empowers users to detect manipulated videos, fostering trust in digital content.
  - *technologies*: Python, PyTorch, Google Collab, OpenCV, Flask, Dlib

- **Ecommerce (back-end) Source Code**

  - A fully functional Ecommerce platform, Role-Based Authorization: Different roles (seller and client)
  - *technologies*: ASP .NET MVC, Entity Framework, SQL, LINQ, C#, Bootstrap

- **Learning Management System (back-end) Source Code**

  - Dashboard for admin to add edit delete instructors, courses, and trainees.
  - *technologies*: ASP .NET MVC, Entity Framework, SQL, LINQ, C#, Bootstrap

- **Student Affairs website (front end) Source Code**

  - allow workers to login, add student, delete student, update student, show students states, assign department for student.
  - *technologies:* HTML, CSS, java script.

Technical Skills

Programming Languages: C++, C#, Java, JavaScript.

Tools and IDEs: Visual Studio, Clion, Eclipse, Jupyter Notebook.

Conceptual Knowledge: OOP, Data structure, Algorithms, Database (MySQL), Design Patterns, Solid Principles, Network, Operating system, Machine Learning Concepts, Deep Learning: Knowledge of neural networks and frameworks such as TensorFlow, Keras, and PyTorch.

Web Development: HTML, CSS, JavaScript, Bootstrap, asp.net

ADDITIONAL EXPERIENCE

- • Member of the Backend team in **GDSC**

Contact me:

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