Mohammed Nasser Hassan

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Profile

A highly motivated Computer Science Engineer with a strong focus on Full Stack Development using .NET and Angular.I'm seeking a challenging position where I can leverage my problem-solving abilities and continue to expand my expertise in building scalable and user-friendly web applications.
With a commitment to continuous learning and collaboration, I am eager to contribute to innovative projects in a dynamic and fast-paced environment.

Education

Assiut University B.S. in Computer Science Sep 2019 - July 2023

Grade : Very Good with GPA: 3.58/4.0

Graduation project: Excellent.

A website that assists doctors and patients in detecting brain tumors, distinguishing them from healthy tissues, and identifying key areas (edema, core, and enlargement) to aid in diagnosis, treatment planning, and improving recovery chances.

Technical experience

- **ITI 4-month Full Stack Web Development using .NET , 2025**

Technical Skills

Languages: Python,R, JavaScript,TypeScript, C++, C# .
Frontend: HTML5, CSS3, JQuery, ES6,Bootstrap,Angular.
Backend : Entity Framework (EF) Core, LINQ, ASP.NET Core MVC, ASP.NET Core Web API, SignalR.
Databases: MongoDB ,Microsoft SQL Server. | **Tools:** Docker, Git , GitHub.
Concepts: OOP, Data Structures, Algorithms , Design Patterns.

Additional experience and awards Certificates:

- **Team Lead & Instructor at BIO CODE Assiut Team 2020-2022**
  - BIO CODE is the first student activity in the BioInformatics field in Egypt.
  - Making the first Problem Solving sheet in Bioinformatics on Codeforces Link
- **Vice President of student union 2021-2022**
- **President of student union 2022-2023**
  - The establishment of the first programming hackathon at the level of the faculties of Assiut University for students.
- **One of the top 35 teams in the world - and the only team from Egypt - in the NASA Space**
  - Designed a reliable GAN-based system to process JunoCam raw images, enabling automated enhancement for scientific/artistic use with manual editing support for improved accuracy. Link
- **Speaker at the EPSF National Symposium - 23rd Scientific Symposium of the Egyptian Pharmaceutical Students' Federation . 2024**
  - Discussed the role of artificial intelligence in pharmacy and drug manufacturing, highlighting its applications, the challenges associated with its use, and the ethical considerations surrounding its implementation .
- **Speaker at DYS Infini-Tech Event organized by Delta Youth Support (DYS) under the Ministry of Youth and Sports at Suez University. 2024**
  - I discussed the fields of artificial intelligence in medicine and life sciences, highlighting how AI is applied in our daily lives and its role in supporting and benefiting students across various academic disciplines.