Ahmed Khfagy

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GitHub: https://github.com/aKhfagy | Military Service: Exempted

Education

Ain Shams University, Cairo, Egypt
- Bachelor of Computer Science, Bioinformatics Program, 2018-2022
- Grade: B- (Very Good)

Experience

- **Full Stack Developer**, A1Softech Pro – Feb 2024 – Current
    - Outsourcing for Banque Misr
- **Full Stack Developer**, Nahr Development – Jan 2023 – Jan 2024
    - Worked on multiple websites, most notably Drops System
- **Full Stack Developer Internship**, Nahr Development – Nov 2022 – Dec 2022
    - Made Simple website to implement what I learned.
    - Learned DDD, Angular.Js, and Swagger**.**
- **Full Stack Developer Training**, Excel Systems – Aug 2021 – Sep 2021
    - Worked on a website part of a supply chain.
    - Used Onion Architecture while developing the project.
    - Used Agile methodologies to Structure our workflow.

Graduation Project

- Brain-Computer Interface Using EEG Signals for Wheelchair Control
    - Control a wheelchair by extracting simple commands from your thoughts using EEG (Electroencephalography) signals.
    - **Tools and Concepts: Machine Learning Algorithms, Python, Scientific Research, Flask, APIs, Networking, Raspberry PI OS, Bash, Android Studio, Java.**
    - **Grade: A**

Projects

- **CCP (Corporate Credit Platform)**
    - Manage and issue loans to large corporations.
    - **Tools and Concepts: .Net Framework, Angular.Js, Swagger**
- **KYC (Know Your Customer)**
    - Update customer information.
    - **Tools and Concepts: .Net Framework, Angular.JS, Swagger.**
- More projects available on my GitHub Profile

Technical Certificates

- APIs and Microservices earned on April 25, 2021
  - By freecodecamp.org
- Data Structures and Algorithms. Certificate earned on October 9, 2020
  - By the University of California, San Diego & National Research University, Higher School of Economics on Coursera.
- Deep Learning. Certificate earned on May 3, 2020.
  - By deeplearning.ai on Coursera
- Machine Learning. Certificate earned on July 3, 2020.
  - By the University of Washington on Coursera
- Other certificates on my Portfolio's [Background Page](#).

Skills

- Languages (Ordered by proficiency): C#, TypeScript, JavaScript
- Tools: ASP.NET, AngularJS, RabbitMQ, ELK, Swagger, SQL Server, Git
- Concepts: Problem-Solving, Microservice Architecture, DDD, OOP, Data Structures, Algorithms, Agile Methodologies

Honors and Awards

- **6th** place in Data Structures competition.
- **7th** place in the 2020 Ain Shams FCI Collegiate Programming Contest out of **45+** teams.
- **26th** place in the 2019 FCIAin-Shams Collegiate Programming Contest out of **50+** teams.
- **46th** place in the 2020 Egyptian Collegiate Programming Contest out of **150+** teams.
- **2052** rank worldwide out of **10742** teams in Google Hash Code 2020.
- **2901** rank worldwide out of **9004** teams in Google Hash Code 2021.

Extracurricular Activities

- acmASCIS student activity part of acm.org, Ain Shams University - Competitive programming mentor. Sep 2019 – Sep 2021
  - Wrote and tested problems for competitive programming contests.
  - Helped students new to programming to understand the basic concepts and improve their skills.
- SupportASU, Ain Shams University – Machine Learning committee member - Dec 2020 – Sep 2022
  - Helped teach students Machine Learning and Deep Learning Algorithms
- JPMorgan Chase Software Engineering Virtual Experience program participant - Jan 2021
- KPMG Data Analytics Consulting Virtual Internship Jan 2021