

# Ahmed Khfagy

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

## Education

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**Ain Shams University**, Cairo, Egypt

- Bachelor of Computer Science, Bioinformatics, 2018-2022
- Grade: B+

## Experience

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- **Junior Full Stack Developer**, Nahr Development – Jan 2023 – Current
  - Worked on multiple websites, most notably a website for Ehata Financial
- **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

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

## Projects

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- Ehata Financial Website (Link available after development is finished)
  - Financial website
  - **Tools and Concepts: .Net Framework, Angular.JS, Swagger.**
- [Manufacturer Supply Chain Website](#)
  - Part of a supply chain website targeted for the manufacturer to use to place his orders.
  - Developed during Full Stack Developer Training at Excel Systems in less than one month.
  - **Tools and Concepts: C#, .NET Frameworks, SQL Server, Onion Architecture, Agile.**
- [Exercise Tracker Microservice](#)
  - A simple exercise tracker microservice which you can track your progress.
  - **Tools and Concepts: Node.js, MongoDB, HTML, CSS, NoSQL.**
- More projects available on my [GitHub Profile](#)

## Technical Certificates

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- APIs and Microservices earned on April 25, 2021
  - By freecodecamp.org

- 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
- 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.
- Other certificates on my Portfolio's [Background Page](#).

## Skills

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- Languages (Ordered by proficiency): C#, Python, JavaScript
- Tools: ASP.NET, Angular.Js, Swagger, SQL Server, PL/SQL, Node.js, Git, MongoDB
- Concepts: Problem-Solving, DDD, OOP, Data Structures, Algorithms, Agile Methodologies

## Honors and Awards

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

## Extracurricular Activities

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- 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