Ahmed Khfagy

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Education

Ain Shams University University, Cairo, Egypt
- Bachelor of Computer Science, Bioinformatics, 2018-2022
- GPA: 3.1 out of 4.0

Summer Training

- **Full Stack Developer Training**, Excel Systems – Aug 2021 – Sep 2021
    o Worked on a website part of a supply chain
    o Used Onion Architecture while developing the project
    o Used Agile methodologies to Structure our workflow

Projects

- Manufacturer Supply Chain Website
    o Part of a supply chain website targeted for the manufacturer to use to place his orders.
    o Developed during Full Stack Developer Training at Excel Systems in less than one month.
    o **Tools and Concepts: .NET Frameworks, Onion Architecture, Agile.**
- Exercise Tracker Microservice
    o A simple exercise tracker microservice which you can track your progress.
    o **Tools and Concepts**: **Node.js, MongoDB, HTML, CSS, NoSQL.**
- Network Flow Algorithms Analysis
    o Analysis and comparison between different network flow algorithms, and a paper review.
    o **Tools and Concepts**: **Algorithms, Data Structures, Scientific Research, C++, C#.**
- Simple Kernel
    o OS kernel which performs basic operations of an operating system.
    o **Tools and Concepts**: **Memory managing, semaphores, shared variables, page fault handling**

Certificates

- APIs and Microservices earned on April 25, 2021
    o By freecodecamp.org
- Deep Learning. Certificate earned on May 3, 2020.
    o By deeplearning.ai on Coursera
- Machine Learning. Certificate earned on July 3, 2020.
    o By the University of Washington on Coursera
- Data Structures and Algorithms. Certificate earned on October 9, 2020
    o By the University of California, San Diego & National Research University Higher School of Economics on Coursera.

Skills

- Tools: Sklearn, TensorFlow, Anaconda, Jupyter Notebook, Node.js, Git, MongoDB, Android studio, PL/SQL
- Languages (Ordered by proficiency): Python, C++, JavaScript, Java, C#, R, MATLAB, HTML, CSS
- Concepts: Problem-Solving, OOP, Data Structures, Algorithms, Machine Learning, Agile Methodologies

Extracurriculars and Leadership ——————

- acmASCIS student activity part of acm.org, Ain Shams University - Competitive programming mentor. Sep 2019 – Sep 2021
- SupportASU, Ain Shams University – Machine Learning committee member - Dec 2020 - Present
- JPMorgan Chase Software Engineering Virtual Experience program participant - Jan 2021
- KPMG Data Analytics Consulting Virtual Internship Jan 2021

Honours and Awards ——————

- **46th** place in the 2020 Egyptian Collegiate Programming Contest out of **150+** teams.
- **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.
- **2901** rank worldwide out of **9004** teams in Google Hash Code 2021.
- **2052** rank worldwide out of **10742** teams in Google Hash Code 2020.
- **6th** place in Data Structures competition.