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Muhammad Ahmad Hesham

CAREER OBJECTIVE

- To work in a challenging environment, using my skills and knowledge to be the best and increasing my knowledge to contribute positively to my personal growth as well as growth of the organization.

EDUCATION

Cairo, Egypt	**Cairo University**	**2018 – 2022**

- 3rd year student in Faculty of Engineering at Computer Engineering Department. Ranked first in 1st year, seventh in 2nd year.

SKILLS

Technical Skills

- Experience in programming using (C++, C#, python, Golang, assembly x86) contributing in academic and courses projects.
- Experience in Web-Development using (HTML, CSS, JavaScript, Bootstrap and Angular) in Font-End.
- Experience in Web-Development using (PHP, NodeJS with Express, ASP.net MVC) in Back-End.
- Experience in database and structured query language like (MySQL, Microsoft SQL Server).
- Experience in NoSQL database like (mongo DB).
- Ability to use Algorithmic tools, and Data Structures in developing projects and problem solving.

Personal Skills

- Extremely dedicated, organized, and able to learn quickly.
- Able to work collaboratively with diverse groups and establish ongoing relationships.
- Problem solving with strong leadership, researching and writing capabilities.
- Able to manage time and work under any conditions.
- Strong Presentation and Communication Skills.

TECHNICAL EXPERIENCE

Work experience

- Full-time MEAN stack developer at EasyKash (Sep 2020 – Sep 2020). **Main responsibilities**: to implement new features and resolve issues in an agile work environment.
- MEAN stack development intern at EasyKash (Jul 2020 – Aug 2020).

Projects

- **Symphonia** (2020). The back end of Symphonia website (a Spotify-like music streaming application). This was the Software engineering course project. I was the back-end team leader.
- **Spell it** (2020). Assembly x86 game with graphics to teach children the spelling of some basic words.
- **Ball bump**(2019). 3D-webgame using Typescript, WebGL and GLSL of a ball avoiding obstacles.
- **Artifex**(2019). A website using ASP.net MVC and MSSQL for selling-buying pieces of artwork and getting artwork recommendations from experts.
- **Chemistry Course**(2019). A website using ExpressJS, MySQL, Angular for a private chemistry teacher to organize student attendance, grades and lectures timetable.
- **Tic Tac Toe** (2019). Web Single-Player game uses minimax algorithm for the AI.
- **Restaurant** (2019). Using C++ with Data Structures and algorithmic tools to serve different orders in different regions with different motorcycles.
- **Paint for Kids** (2018). Using C++ with Object Oriented Programming to draw figures with colors with moving and merging options between them.

Voluntary work
- **IT member at IEEE Cairo University Student Branch** (Oct 2019 – Sep 2020).

Courses (self-learning):
- **Algorithms on Graphs** by University of California San Diego & National Research University Higher School of Economics on Coursera. Certificate earned at Wednesday, September 11, 2019 1:16 PM GMT.
- **Data Structures** by University of California San Diego & National Research University Higher School of Economics on Coursera. Certificate earned at Wednesday, August 7, 2019 8:49 PM GMT.
- **Algorithmic Toolbox** by University of California San Diego & National Research University Higher School of Economics on Coursera. Certificate earned at Wednesday, July 17, 2019 10:25 AM GMT.
- **Introduction to HTML5** by University of Michigan on Coursera. Certificate earned at Monday, August 26, 2019 8:38 PM GMT
- **Introduction to CSS3** by University of Michigan on Coursera. Certificate earned at Thursday, August 29, 2019 11:00 PM GMT
- **Interactivity with JavaScript** by University of Michigan on Coursera. Certificate earned at Thursday, August 29, 2019 11:12 PM GMT
- **Advanced Styling with Responsive Design** by University of Michigan on Coursera. Certificate earned at Friday, August 30, 2019 10:12 PM GMT
- **Introduction to Structured Query Language (SQL)** by University of Michigan on Coursera. Certificate earned at Tuesday, September 17, 2019 3:52 PM GMT
- **Building Web Applications in PHP** by University of Michigan on Coursera. Certificate earned at Monday, September 16, 2019 6:06 AM GMT
- **Building Database Applications in PHP** by University of Michigan on Coursera. Certificate earned at Sunday, September 29, 2019 1:41 AM GMT
- **CS50** Harvard at edx (2018).