Zakaria Hamdan

Software Engineer

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EXPERIENCE

BESBOSE
Back End Engineer
Feb 2022 – Current | Germany

- ➔ Working as a back end engineer using Symfony and API platforms.
- ➔ Working on ERP systems.

CMS
Construction Management S
July 2021 – August 2021 | Cairo, Egypt

- ➔ Learned to work in a team under a team manager and contributed in performing some ERP implementation tasks.

CYBERSECURITY INTERNSHIP
Palo Alto Networks Cybersecurity Academy
2020 | Online

- ➔ A certificate on the essentials of cybersecurity and its principles which demonstrates how to secure a network computing environment through the application of security controls.
- ➔ A certificate on the fundamentals of cybersecurity which identifies the concepts required to recognize and potentially mitigate attacks against enterprise networks as well as mission critical infrastructure.
- ➔ A certificate on the fundamental tenants of networking which covers the general concepts involved in maintaining a secure network computing environment.

PROJECTS

GRADUATION PROJECT
• Github Source Code

- ➔ FPS-Game-Using-reinforcement.
- ➔ Developed an FPS game Unity and C. This project mainly deals with development of a 3D game using Unity.
- ➔ Worked on implementing an AI that would play an FPS game that would pass the Turin test and act like a human using reinforcement learning.

HUFFMAN ALGORITHM
• Github Source Code

- ➔ Written using Java only.
- ➔ A compression program that runs an algorithm to find the most repeated sequence of letters, then sorts them in a tree to give each a prefix and replaces them with integers corresponding to their prefix.
- ➔ This program can compress folders and different types of files.

SOFT SKILLS
- ➔ Very quick at learning and can work in a team, either leading or being led by someone else.

SKILLS

PROGRAMMING

Proficient:
Laravel • PHP • Java • C • Git

Experienced:
C# • C++ • Symfony

Familiar:
Javascript • Assembly • Python

EDUCATION

UNIVERSITY OF ALEXANDRIA
Bachelor's Degree in Computer Engineering
Jan 2015 - Nov 2021 | ALX, Egypt

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PERSONAL DATA

MARITAL STATUS
Single

MILITARY STATUS
Exempted

LANGUAGES

ENGLISH
Excellent

ARABIC
Excellent

FRENCH
Very good