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Personal Profile

Seeking a software development intern position, leveraging technical expertise in Python, C#, and JavaScript. Committed to contributing to meaningful projects, expanding knowledge, and collaborating effectively within a team environment to enhance skills in software development.

Education

Arab Academy for Science, Technology and Maritime Transport   *Alexandria, Egypt*

Bachelor of Science in Computer Engineering   *August 2019 - June 2024*

- CGPA: 3.97

Work Experience

RoboKid Academy   *Alexandria, Egypt*

Programming and Robotics Tutor   *Aug 2020 - Present*

- Teach ArduinoC, CPP for problem-solving, python Django for backend development, JavaScript , .NET for web development ,and Database using SQLite and SqlServer.
- Develop and implement lesson plans tailored to individual students' needs, increasing student engagement by 20%.
- Provided regular progress reports to parents and guardians, resulting in a 3X increase in parent retention and satisfaction rates compared to other local academies.
- **Technical Skills:** Python with Tinker, Django, JavaScript with, ReactJs, NodeJs, C++, Csharp with, .NET, HTML, CSS with, Bootstrap, Git.
- **Soft Skills:** Tutoring, Time Management, Communication, Presentation skills.

Bibliotheca Alexandria ICT sector   *Alexandria, Egypt*

Software Engineer Intern   *July 2022 - Aug 2022*

- Developed SQL scripts on SqlServer and stored them as Stored Procedures for efficient execution.
- Designed and implemented an application for concert reservation using ASP.NET Core, HTML5 canvas, JavaScript, and Ajax calls, resulting in a 40% improvement in system performance.
- Collaborated with team members to identify and address design and functionality issues in the application.
- **Technical Skills:** HTML5 Canvas, JavaScript with, Ajax, .NET framework with, Web forms, SQL Server with, SSMS, Git.
- **Soft Skills:** Teamwork, Communication, Documentation.

Personal Projects

LOLEsports mimic   *Github*

Arab Academy for Science, Technology and Maritime Transport   *Apr 2023*

- LOLEsports-mimic is a university project that mimics the functionality of the LOLEsports website. It is built using ReactJs Routers. It uses the LOL Esports API provided using ASP.NET core API fetching data from the MySQL database server.
- **Technical Skills:** ASP.NET Core, REST APIs, ReactJs, SQLite, Entity Framework, JWT authentication.

Tickets point of sale   *Github*

Bibliotheca Alexandria   *Aug 2022*

- A web application that utilizes HTML5 canvas to create a user-friendly interface for reserving seats in a hall. The application use SQL Server to store event and hall data, and I implemented the singleton design pattern to efficiently handle database requests.
- **Technical Skills:** .NET framework, Web forms, SQL Server, JavaScript, Ajax.

Movie Recommender   *Github*

Personal   *Jun 2020*

- A console application that leverages the OMDB and TasteDive APIs to provide users with the top 5 recommended movies based on a movie suggestion. The application utilizes the APIs to fetch movie recommendations and ratings and stores all search history on an SQLite database to recall results in the case of repeated queries.
- **Technical Skills:** Python, SQLite, APIs.

Skills

Programming	Python, C#, Java, C/C++, HTML/CSS, JavaScript, SQL.
Frameworks	ASP.NET Core, Django, ReactJs, NodeJs.
Tools	SQL Server, SQLite, Ajax, Postman, Microsoft Office, Git.
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Extracurricular Activities

ENACTUS AAST ALEX   *Alexandria, Egypt*

Project Manager   *Aug 2020 - Jul 2022*

- Directed 2+ groups. Each comprises 10 members to operate on both projects for the 2021 competition.
- Coordinates between technical and non-technical teams to conduct a 40% increase in the project implementation quality.
- Documented three project charters for national board approval at both 2021 and 2022 competitions.
- **Technical Skills:** product development, Research.
- **Soft Skills:** Project Management, Documentation, Communication, Leadership, Teamwork.

ECPC Egyptian Collegiate Programming Contest   *Alexandria, Egypt*

Contestant

- participated in the ECPC qualification rounds for 2020, 2021, and 2022.
- been on the top ten teams in the 2021,2022 AAST qualifications.
- **Technical Skills:** Problem-Solving, Cpp, Data Structure and Algorithms.
- **Soft Skills:** Time Management, Communication, Teamwork.

Certificates

Introduction to DevOps   *verify*

IBM   *Oct 2022*

- Comprehensive understanding of DevOps concepts and principles.
- building a culture of shared responsibility, transparency, and embracing failure.

Database Fundamentals   *verify*

ITI online platform

- design, build and query a relational database.
- SQL statements, functions, queries and data manipulation.

References available upon request.