Youssef Berro

Date of birth: 23-Oct-2002

Nationality: Lebanese

Address: Dekwaneh - ras al dekwaneh - serghani Street

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Email: youssefberro18@gmail.com

Languages: Arabic, English

Experiences: • Roasdster dinner, Kitchen crew from 6/2021 to 11/2023
• Bilma.K Center, teaching mathematics and physics for Grade 7 till Grade 9 (brevet)

Education

• Frère saint joseph Ashrafieh till Grade 7, Dekwaneh Official School (lebanese SG baccalaureate)
• Bachelor's Degree in Computer Science at Lebanese University Hadath

Skills

HTML   CSS   Tailwind CSS   Javascript   Typescript   React Js   Node Js   Express Js   Web Socket   SQL   NoSQL

ASP.NET   Ai   Machine Learning   Neural Network   Python   Scikit-learn   TensorFlow   NLP   Flask   Git

Experience

Operating System Scheduling Algorithms

Developed a React and Typescript-based(OOP) tool to simulate scheduling algorithms and visualize their outputs in tables and gantt charts. Implemented a large range of complex algorithms including SRTF, RR, MLFQ and many others using customized data structures such as two priority heap tree, multi-level priority heap tree and more.

Chat App

Developed a full-stack chatting app using React for the frontend, Node/Express for the backend, Socket.IO for real-time communication, and MongoDB for data storage. Implemented robust authentication, authorization, and role-based access control for group chats. with a well-structured backend following the MVC architecture the application also includes push notification and user search.

Middle East Tv App *(Team Work)*

Developed a full-stack channel app, including two websites. The client-oriented site enables seamless exploration of news, programs, categories, and real-time weather updates for any city. On the administrative side, the channel's team can effortlessly insert, modify and delete news, ads, and programs. Developed using React for the frontend, Node/Express for the backend and MS SQL for data storage. Implemented robust authentication, authorization and ensuring a user-friendly and dynamic digital experience for viewers, complemented by efficient content management tools for administrators.

Tours App

Developed a full-stack Tours app using React for the frontend, Node/Express for the backend, with MongoDB for data storage. Implemented robust authentication and authorization, includes an interactive map powered by Mapbox, enhancing user experience by providing visual tour locations. The platform allows users to become tour guides also incorporated a review system for user feedback.