

# Wissam Kaouk

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## COMPUTER SCIENCE STUDENT

I am an enthusiastic and self-motivated computer science student with a strong passion for technology and problem-solving. I am actively seeking opportunities to apply and further develop my skills in backend development and IT troubleshooting. In addition, I am a freelancing front-end developer with expertise in sales and marketing, gained through entrepreneurial endeavors.

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## SKILLS

Java	React Native	Networking	Self-learning
C++	SQL	Problem Solving Skills	Communication Skills
JavaScript	PL/SQL	Team Work	
React.JS	Data Structure		
	OOP		

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## PROJECTS

### Library Management System (Java OOP):

Developed a comprehensive library management system using Object-Oriented Programming (OOP) principles in Java, enabling users to borrow, purchase, search, and manage library resources. The system featured user authentication, inventory management, and transaction history tracking to enhance both the user experience and administrative oversight.

### Hospital Management System (C++ Data Structures):

Built a hospital management system utilizing C++ data structures to efficiently handle patient records, doctor schedules, billing, and inventory management for medical supplies. The system incorporated linked lists, queues, and trees to ensure optimal data handling and faster retrieval times.

### School Management System (C++ Data Structures):

Developed a school management system using C++ and data structures to automate student enrollment, attendance tracking, grade management, and teacher scheduling. Leveraged advanced data structures like hash maps and binary search trees to optimize the processing of large data sets and ensure quick access to critical information.

### Database Design and Queries for E-commerce:

Created a well-structured relational database to support e-commerce functionalities, including user accounts, product listings, orders, payments, and inventory tracking. Utilized SQL to design and execute complex queries for handling tasks such as customer orders, payment tracking, inventory management, and product search optimization.

### Mobile App for Renting Houses (React Native):

Designed and developed a user-friendly mobile application using React Native to facilitate house rentals for immigrants displaced by recent wars. The app provides a seamless interface for users to browse available properties, contact property owners, and secure temporary housing quickly and efficiently.

**Website for Renting Houses (React.JS):**

Built a responsive website using React Native to assist war-affected immigrants in finding rental properties. The platform offers an intuitive property search experience and an interactive UI, ensuring easy navigation for both property owners and renters.

**EDUCATION & CERTIFICATIONS**

**Antonine University**  
September 2022 - Present  
Major: Computer Science  
Undergraduate

**IBM Backend Development Certificate at Coursera**  
December 2024 - Present

**LANGUAGES**

English  
Arabic