

Enthusiastic computer science student seeking a position to apply and expand skills in software development, problem-solving, and innovative technology solutions. Eager to contribute to a dynamic team and gain practical experience while leveraging a strong foundation in programming, data structures, and web development.

## Experience

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### Django Training

**BAU Faculty of Science**  
**June 2023**

- Completed a Django training program, mastering web application development using the Django framework.
- Set up and configured development environments, gaining proficiency in Python and Django, improved efficiency in web development processes.
- Gained skills in developing web applications, setting up and configuring the development environment, and practicing building.

### Deep Learning Workshop Keras

**BAU Faculty of Science**  
**January 2024**

- Completed a neural network deep learning workshop, mastering the design and implementation of neural networks.
- Set up and utilized essential deep learning frameworks, gaining proficiency in Keras, engaged in hands-on labs, to train and test the efficiency and accuracy of models, enhancing practical skills in neural network development.

### Self-Learning React.js Course

**Udemy**  
**May 2024 - June 2024**

- Completed a comprehensive self-paced React.js course on Udemy, mastering the design and implementation of web applications, gained proficiency in essential frameworks and libraries, including React.js, Redux, and Next.js.
- Engaged in hands-on projects to develop and deploy robust web applications, enhancing practical skills in modern web development.

## Technologies and Languages

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Languages: Java, C++, Python, PHP, HTML, Javascript, CSS

Version Control: Git, GitHub

Database Management: MySQL, SQL

Frameworks: Django, React.js, Bootstrap

## Education

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**Beirut Arab University - Cumulative GPA: 3.97/4**

3rd Year Computer Science Student 2022-2025

(LCPC member)

**Khalil Salem Bterram High School**

BACC II - General Science 2022

## Projects

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### Hospital Management System Implementation

- Developed a comprehensive Hospital Management System using the **Django** framework.
- Designed and implemented modules for patient registration, appointment scheduling, medical records management, and staff administration, streamlining hospital operations and improving service delivery.

- Integrated **APIs** to send SMS and email reminders, ensuring patients are reminded of their appointments and enabling verification of appointment details, enhancing communication and reducing no-shows.

### **E-Commerce Website Software Requirements Analysis**

- Leveraged **agile methodologies** to create comprehensive technical documentation, including system architecture diagrams, database designs, and workflow models to guide development.
- Utilized **Figma** for prototyping to visualize user interfaces and flows, ensuring alignment with user needs and project goals.

### **Airport Management System Implementation**

- Implemented using **Java**, employing **OOP principles**.
- Developed modules for flight scheduling, passenger check-in, baggage handling, staff management, and online payment processing, optimizing operational processes and enhancing overall efficiency.

### **GLOWY - Dental Clinical Website Development**

- Spearheaded the design and development of a comprehensive dental clinical website.
- Leveraged **HTML**, **CSS**, **JavaScript**, and **PHP** to create a user-friendly interface catering to the needs of dental patients and practitioners using **MySQL**.
- Incorporated features such as: appointment scheduling, patient record management, and online payment processing to enhance the clinic's operations.

### **Snapchat Filter and Dinosaur Game Creation**

- Applied **Python** programming skills to create a Snapchat filter and a dinosaur game.
- Utilized the **OpenCV** library for image processing, detecting face features to develop engaging and interactive experiences.