

# Baneen Ayyad

## Software Developer

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### EDUCATION

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#### Lebanese American University

Beirut, Lebanon  
2021-2024

BS in Computer Science  
Enrolled with 90% scholarship  
CGPA: 3.7/4.0

#### Hassan Kassir High School

Beirut, Lebanon  
2021

Lebanese Baccalaureate in General Sciences with High distinction

### EXPERIENCE

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#### Full Stack Web developer at Integrated digital systems (IDS)

Beirut, Lebanon  
July till August 2023

- Created a responsive, full stack website for IDS academy.
- Leveraged CSS (including bootstrap), HTML and JavaScript for the frontend.
- Implemented backend using php and MySQL.

#### Coding tutor at Geek Express

- Instructed and facilitated Level 3 Master App Development courses utilizing the MIT App inventor platform to enable students to create and publish their own applications on the Google Play

#### Math and Physics Private Tutor

- More than 7 years of experience tutoring.
- Conducted supplementary classes, providing additional support and resources to enhance the students' learning, and understanding of the subjects.
- Instructed mathematics to students with special needs.
- Wrote research papers in both English and Arabic at tutor house company.

### PROJECTS

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#### Research Paper

- Authored a research paper on relaying mission critical messages from the server controller to IoT devices through UAVs by using hierarchical clustering, cluster head selection and minimum number of UAVs deployment while minimizing energy consumption and ensuring messages are received within a required deadline.
- Accepted by IMCET 2023 and presented in the conference.

### **MPM (MomPreneurMuse)**

- Responsive full stack website designed to empower stay-at-home mothers to work remotely and provide relief amidst the current economic situation.
- Built using HTML,CSS, JavaScript, Php, and MySQL.

### **Natural language processing project**

- Developed a natural language processing model for sentiment analysis of Arabized languages.

### **Mobile Applications**

- Developed 'LAU survivor' using android studio, java, and xml. It is a funny and new idea that lets the students to live happily in their university.
- Developed 'Nebula Nights' using Flutter. It is an app to reserve astronomy nights with multiple advanced features.

### **BASS Database**

- Developed a database for a ZOO using oracle, SQL.

## **AWARDS AND EXTRACURRICULARS**

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- Ranked 8th nationwide in the 2021 Lebanese Baccalaureate in General Sciences.
- Member of the computer science club at LAU.
- Participated in the Adobe illustrator bootcamp at Ramak association.
- Placed on the dean's distinguished List for all the semesters.

## **TECHNOLOGIES**

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- Frontend technologies: Html, CSS, JavaScript, Java, xml.
- Backend Technologies: Python, Php, MySQL, C.
- Linux Operating System, Bash scripting language (beginner).
- Flutter.

## **LANGUAGES**

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- Arabic (Native).
- English (Fluent).