

## Charbel Zaarour

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### ABOUT ME

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A tech enthusiast since age 10, I began by assembling electronic toy parts into small projects, progressing to complex Arduino projects by age 15. Currently pursuing a bachelor's degree in Computer Science, I blend practical experience with academic rigor to develop tech solutions like health management tools and data systems.

### EDUCTAION

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#### Holy Spirit University of Kaslik (USEK)

Bachelor of Science in Computer Science, anticipated graduation fall (2025)

Saint Joseph Jbeil. 2007---2022.

Lebanese baccalaureate with Mention Bein – SV.

### JOBS

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•**Mobile Developer Intern** at XpertBot Developing mobile apps in Flutter as part of a team.  
Feb---2025 Present.

• **Intern** as a coordinator at a facility management company (alpha fixers) working remotely to the United States. September 2023---October 2023.

### SELF-PROJECTS

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- Developed a Java-based insulin calculator in my Object-Oriented Programming project, customizing dosages based on exercise intensity, meal specifics, and current blood sugar levels, used for people with type 1 diabetes.
- Independently designed and programmed a video game from scratch utilizing C and the GLUT library, focusing on real-time graphics rendering and user interaction to create an engaging gameplay experience.
- Developed a database that stores and analyses blood sugar data, written in SQL.
- Made a car sensor that detects close objects using Arduino and beeps depending on the distance.
- experience in managing server configurations and network services using Linux commands through focused coursework.

### Technical Skills

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- **Proficient in programming languages:** C++, java, PL/SQL.
- **Developer Tools:** VS Code, NetBeans, Oracle, Code Blocks, MySQL.
- **Strong problem-solving** and analytical skills Effective time management and organizational abilities.
- Fluent in English, Arabic, and French.

**Hobbies:** Music, Gym, Hiking, Coding, Arduino.