

# Ahmad Kanounji

+961/78981335 | [ahmadkanounji@gmail.com](mailto:ahmadkanounji@gmail.com) | [www.linkedin.com/in/ahmad-kanounji](https://www.linkedin.com/in/ahmad-kanounji) | [github.com/AhmadKanounji](https://github.com/AhmadKanounji)

## EDUCATION

### American University of Beirut

Bachelor of Computer Science

Beirut, Lebanon

Expected June 2024

## RELATIVE COURSE WORK

### American University of Beirut

Bachelor of Computer Science

Beirut, Lebanon

Expected June 2024

- Data Structures and Algorithms
- Computer Organization and design
- Software Architecture
- Mobile Development
- Database Systems
- Theory of Computation
- Operating Systems
- Web Development
- Machine Learning
- Computer Networks

## EXPERIENCE

### Software Engineer Intern

One Royal

July 27, 2023 – August 27, 2023

Limassol, Cyprus

- Front-End Application Development: Spearheaded mobile app development using .NET and C# for improved user interface and functionality.
- -Jira Automation Enhancement: Developed Jira automation to boost interdepartmental communication and workflow efficiency.
- Professional Development: Gained hands-on experience in front-end development within the forex industry. Enhanced problem-solving skills and applied academic knowledge to real-world software engineering challenges.
- Participated in daily meetings where progress of the development was relayed to other departments participating in the project.

## PROJECTS

### Connect 4 | C Programming Language

January 2022 - May 2022

- Developed a terminal game where a user gets to play connect 4 with either another player locally, or another bot with three difficulties (Easy, Medium, Hard). An algorithm called "MinMax" was used where the bot can predict up to 7 moves ahead of the player and make the best move possible.

### Dressing Room | .NET MAUI, XAML, SQLite

January 2023 – May 2023

- Developed a cross platform application where a user can store his clothes in a virtual closet, manually create outfits using his available clothes, or let the app create outfits by itself based on color, or on the current weather using a weather API. You can also follow other people's accounts and view their outfits.
- The application was built using a 4 -layer software architecture MVVMS (Model, View, ViewModel, Services)

### Road Buddy | FastAPI, XML Java, PostgreSQL

September 2023 – December 2023

- Developed an Android Application with Android Studio where users can rent cars near them displayed on Google Maps.
- Added AI features like face recognition to match your driver's license and a map feature that tracks what cars are near you now.
- Integrated Google Maps API, used XML for the frontend + Java for frontend logic, used FastAPI for the backend, and PostgreSQL for the database.

## TECHNICAL SKILLS

**Languages:** Java, C, C++, C Sharp, HTML, CSS, JavaScript, XML, Python, Standard ML, SQL, SQLite

**Frameworks:** .NET, .NET MAUI, Node, React

**Developer Tools:** Visual Studio, Visual Studio Code, Git, GitHub Desktop, GitHub, Postman

## Languages

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- Arabic: Native
- French: Fluent
- English: Fluent