

Yosr Najjar

High-achieving Computer Science student combining strong algorithmic problem-solving with a data-driven passion for UX research. Hands-on experience developing user-centric mobile and desktop applications using Flutter, Dart, Java, and SQL. Skilled at analyzing user workflows, creating structured prototypes, and translating research insights into clean, accessible code.

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WORK EXPERIENCE

Code and Create (CAC)

Mobile App Development Intern

May 2025 - Jun 2025

Collaborated with a 3-person team to develop a Tic-Tac-Toe application using **Flutter** and **Dart**, showcasing effective teamwork and mobile development proficiency.

EDUCATION

Beirut Arab University, Lebanon

Bachelor's Degree in Computer Science - 3.97

Sep 2023 - June 2026

Zahia Kadoura, Lebanon

Lebanese Baccalaureate Certificate – Life Science - 17.5

Sept 2022 - July 2023

PROJECTS

PharmaPal

October 2025 - June 2026

- Developed an android medication scheduling app using Flutter, Dart, Supabase, and Google Cloud to help the elderly and those lacking knowledge in scheduling their medication, maximizing its benefits and minimizing complications due to drug-drug interactions.
- Conducted prototyping and workflow mapping to design an intuitive UI/UX ensuring high accessibility.
- Implemented the backend using PostgreSQL and Cubit to handle data efficiently and maintain a clean code structure.
- Conducted iterative UI/UX testing and user workflow analysis to identify accessibility bottlenecks for elderly users, engineering intuitive design overrides to resolve friction points.

Tasky

May 2026 - May 2026

- Developed a desktop task management app using Java, JavaFX, FXML, and CSS.
- Designed interface architecture strictly adhering to Nielsen Heuristics and Shneiderman's rules, minimizing user cognitive load through structured prototyping and layout mapping.
- Collaborated with a fellow teammate at university.

TicTacToe

May 2025 - June 2025

- Developed a Cross-platform tic-tac-toe app using Flutter, Dart, and Firebase.
- Implemented the first 3 screens (Onboarding, sign-in, and homepage) with a functional login.
- Managed the team and progress throughout the project.

Crime and Tourism

July 2024 - Aug 2024

- Formulated and executed research to evaluate the socioeconomic impacts of regional crime patterns on tourism metrics.
- Cleaned, structured, and interpreted complex datasets using R, converting raw data into actionable insights.

SKILLS

- **Computer Skills:** SQL/MySQL/PostgreSQL, Java/JavaFX, C/C++, flutter, dart, R, HTML, CSS, JS
- **Technical Skills:** Figma, UI/UX Design, Wireframing, User Research, Microsoft Office (Word, Excel, PowerPoint, Access, Outlook), Database Management
- **Soft Skills:** Effective communication and teamwork, Active Listener, Analytical Thinking, Problem-solving, Adaptability and curiosity to learn
- **OS:** Ubuntu, Windows

HONORS & CERTIFICATIONS

IC3 Digital Literacy Certification

Beirut Arab University | Microsoft | Aug 2024 (course)

Thriving in Software Development: Beyond Code

Semicolon Academy | April 11, 2025 (Workshop)

Bug Bounty Workshop

Semicolon Academy | April 11, 2025 (Workshop)

Building AI Agent

IEEEBAU | April 2025 (Workshop)

12th Place, Lebanese Collegiate Programming Contest

LCPC | October 2025

LANGUAGE

Arabic Native

English Intermediate

Interests

- *Research (new strategies/topics, UX, impact of a topic on society)*
- *Technology and innovation*
- *Game development*