

MALK SERHAN

Beirut, Lebanon

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SUMMARY

Computer Science graduate from the Lebanese University with strong skills in software development, problem-solving, and system design. Experienced in building web and mobile applications using Java, JavaScript, PHP, and SQL. Familiar with full software development lifecycle, including design, implementation, and testing. Seeking a junior developer role to apply technical and analytical skills in real-world projects.

EXPERIENCE

Private tutor:

Taught mathematics and computer science to students
Simplified complex concepts and improved student performance
Strengthened communication and problem-solving skills

Collaborative Project Member:

Worked in team-based academic projects
Applied software development principles to real-world problems
Contributed to coding, testing, and implementation

EDUCATION

Bachelor Degree of Computer Science (2022-2025)

Lebanese University, Faculty of Sciences, Hadath

Lebanese Baccalaureate in General Sciences (2022)

Grade: 17.72 /20

SKILLS

Languages

- Arabic (Native)
- English (B2-studied at Lebanese University)

Technical skills

- Programming Languages: C, JavaScript, Java, Assembly, Prolog
- Web Development: HTML, CSS, PHP, ASP.NET
- Mobile Development: Android (Java, XML)
- Databases: SQL, MySQL, PowerDesigner
- Computer Science Fundamentals: Data Structures, Theory of Computation, Graph Theory, Arithmetic in Z
- Microsoft Office: Word, Excel, PowerPoint
- Systems: Linux, Operating Systems, Networking
- Additional Skills: GIS, Numerical Simulation, Parallel Computing

Soft skills

- Effective communication
- Teamwork
- Problem-Solving
- Critical thinking
- Adaptability

PROJECTS

- **TravelMate (Study project):**
Planned and designed a prototype for a travel management application that helps users explore hotels, transportation, and tourist activities. Focused on user experience and interface design
- **Bookstore website(PHP, MYSQL):**
Developed bookstore web application using PHP and MySQL with authentication and CRUD operation styled with HTML/CSS
- **ToDoList (Android , Java):**
A task management android app to add, update, delete and set to do tasks as done and vice versa.
- **Social Scoring and Digital Authoritarianism (University research):**
Conducted research focusing on AI and digital technologies influence and interact with society.