

Wajed Khaled Rashed

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Skills

- **Programming:** Python, Java, C, C++, CSS, HTML, JavaScript, Node.js, Spring Boot
- **Databases:** MySQL, MongoDB
- **Tools:** Git, VS Code, Postman, Jira
- **Soft Skills:** Problem-Solving, Time Management, Teamwork, Agile Development
- **Languages:** Arabic (Native), English (Fluent)

Education

American University of Beirut (AUB), Lebanon

Senior, Expected Dec. 2025

Major: Computer Science — Full USAID Scholarship

Relevant Courses: OOP, Data Structures, Algorithms, Software Engineering, Web Programming, Theory of Computation, Machine Learning

Projects

Game Churn Prediction – ML Classification Project

Feb. 2025

- Developed a machine learning pipeline to classify player engagement levels using 40,000+ Kaggle records.
- Used label encoding and SMOTE for preprocessing and class balancing.
- Tuned XGBoost using RandomizedSearchCV (5-fold CV), achieving 90% test accuracy.
- Identified key churn predictors like playtime, session duration, and achievements.

MediLog – Medical Records Platform

Apr. 2025

- Built a secure full-stack web app to manage patient records: meds, visits, surgeries, vaccines.
- Applied JWT authentication and doctor verification by government ID.
- Tech stack: Spring Boot, MongoDB, RESTful API design.

Social Connect – Social Network Web App

Dec. 2024

- Created a secure platform with user auth, WebSocket chat, friend system, and admin panel.
- Backend in Node.js with MongoDB; front-end using EJS and dynamic rendering.

Maze Generator and Solver

Mar. 2023

- Developed C-based app for maze gen/solve using A*, BFS, DFS, and Dijkstra.
- Used Prim's algorithm for maze creation and SFML for live visualization.

Experience and Volunteering

Tutor – Intro to OOP

AUB USAID Program, Jan. 2023 – Present

Supported students in learning programming concepts and assignments.

Emergency Response Volunteer

Red Crescent, Jan. 2023 – Present

Participated in field response and aid delivery during crises.

Civil Defense Volunteer

Palestinian Civil Defense, 2019–2022

Led awareness campaigns and assisted in emergency logistics.

Extracurricular

- Member – AUB Computer Science Club
- Member – HES Club