

Ahmad Al-Bast

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Education

American University of Beirut – Lebanon

BSc in Computer Science..

August 2023 - June 2026

Qab Elias Public Highschool – Chtoura, Beqaa

Graduated with distinction - cumulative score: 16.25/20

Sep – Jun 2022

Employment

Programming Tutor — CMPS 201, AUB

Feb 2024 – Present

- Tutored imperative and OOP concepts using project-based examples.
- Improved student performance by 80% via hands-on support.

Instructor — Dar Al Aytam Al Islamiya

Oct 2022 – May 2023

- Tutored children (5–14 yrs) in math, French, and science and focused on fostering confidence and academic achievement within a humanitarian framework.

Projects

TobCare — Full-Stack Web Application

Jan-May 2025

- Developed a medical web platform for patient-doctor interaction using React, Node.js, and REST APIs.
- Deployed on AWS with secure server configuration and integrated automated testing using Selenium.
- Implemented back-end logic, database connectivity, and front-end UI/UX enhancements.

Online Shop Database Project

Jan-May 2025

- Designed and implemented a full-featured e-commerce database using Oracle and MySQL.
- Modeled entities including users, items, orders, payments, and discounts; enforced integrity constraints.
- Built SQL queries and procedures to support inventory management and transaction processing.

Software Construction — C—C++

Oct – Nov 2024

- Led a team to develop a software application using best practices in software engineering.
- Managed version control via GitHub, implemented rigorous testing, and prepared comprehensive documentation.

URVP — Research Volunteer

Nov 2024 – Jan 2025

- Collaborating with Dr. Fatima Abu Salem on advanced computational research projects in data science and AI.

CSP Initiative — Team Leader

Dec 2024 – May 2025

- Delivered community-centered solutions with USAID and AUB support.

Volunteering & Certifications

Intl. Institute of Debate

Aug 2024 – Feb 2025

- Advocated for migrant workers' rights, led winter relief efforts, facilitated youth leadership workshops, and supported community inclusion and outreach initiatives.

Awards

USAID USP Scholarship

Sep 2022 – Jul 2026

- Awarded a competitive scholarship for academic excellence and civic engagement.
- Participated in leadership development activities and community service projects.

AUB honor list

Fall 2024/25

Microsoft Student Summit S2

Oct 2021

Workshops

Human Rights, Taxation, Job Readiness, Stress & Time Management, Leadership skills, AI in the future

Skills

Technical: Python, Java, C/C++, GitHub, Jira, Node.js, React, HTML, CSS, Javascript, Agile methodologies

Soft: Leadership, Public Speaking, Teamwork, Analytical thinking, Time management