

# Ahmad Al-Bast

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## Education

**American University of Beirut – Lebanon**

August 2023 - June 2026

BSc in Computer Science..

**Qab Elias Public Highschool – Chtoura, Beqaa**

Sep – Jun 2022

Graduated with distinction - cumulative score: 16.25/20

## 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