

Sandra D. Dergham

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Pursuing a BS in Computer Science at the American University of Beirut, equipped with the enthusiasm for programming and the adequate skills with passion in the field of technology, I am eager to nurture my skills through an internship that elevates both me and the company.

EDUCATION

**American University of Beirut (AUB),
Bachelor of Science in Computer Science**

Aug 2023 - May 2026

- Recipient of the USAID Higher Education Scholarship (HES) award.

Societies & Clubs: AUB HES Club Communications Officer, Computer Science Student Society.

Relevant Courses:

Programming & Data Structures in Java, Design & Analysis of Algorithms, Software Construction, Software Engineering, Web Development, Database Systems, and Computer Organizations.

Cisco courses in Data Science and Artificial Intelligence.

Semicolon course in Ethical Hacking.

Projects:

Battleship Game:

Implemented an advanced version of the board game “Battleship” in two modes: easy, and hard. This version introduced strategic features such as radar sweeps, torpedo strikes, and smoke screen alongside the traditional gameplay, using the C programming language.

Developed a single-player mode of the game where the user plays against a bot designed to play in three difficulty levels: easy, medium, and hard.

EXPERIENCE

Prodigy InfoTech, Web Development Intern,

Nov 2024 – Dec 2024

Completed 5 tasks as part of the program to grab the essences of web development using CSS, HTML, and JavaScript. Tasks included a personal portfolio, a weather website application, a stopwatch, and a tic-tac-toe website application.

EXTRACURRICULAR ACTIVITIES

USAID Higher Education Scholarship Program (HES)

Aug 2023 – Present

- Actively participated in several workshops hosted by HES management, such as training on adjustment difficulties, emotional intelligence, time and stress management, computer literacy and career guidance.

Lebanese Red Cross, Youth Sector Volunteer & Facilitator

Nov 2023 – Present

- Led several youth-led activities on topics such as road safety and mental health.
- Assisted with community-driven projects including reforestation and food drives.
- Conducted educational sessions for youth on topics related to the environment, as well as human values.

MMKN, Coordinator

Oct 2023 – Present

- Ensured the smooth delivery of tutoring sessions to students of public schools.

More than 130 volunteering hours with well-known NGOs recommended by the scholarship.

SKILLS AND HOBBIES

Languages: Fluent in Arabic and English, basic knowledge in French.

Computer Skills: Java, C, C++, Python, HTML, CSS, JavaScript, SML, SQL, MS Word, Excel, PowerPoint.

Soft Skills: Leadership, Communication, Public Speaking, Time Management, and Teamwork.

Hobbies: Creative Writing, Gym.