

Shaza El Fakih

Beirut Hamra Street

0096179133200

sre17@mail.aub.edu

Education

From 9/2017 to 6/2022	American University of Beirut AUB Bachelor in Communication and Computer Engineering Track in Software and Artificial Intelligence USAID Scholarship Student Expected Date of Graduation: 2022 GPA: 89.3/100 Dean's Honor List (Fall 2018 Spring 2019 Fall 2019)	Beirut, Lebanon
From 9/2014 to 7/2017	Namouzajiah High School Lebanese Baccalaureate (official 2017) Mention: Tres Bien	Bekaa, Lebanon

Experience

Summer 2017-2018	Laundry – Royal Line Cashier	Bekaa, Lebanon
Fall 2019	Tutoring at AUB Tutor for an analysis math course at AUB, help students to grasp the material well.	Beirut, Lebanon

Extracurricular Activities

Volunteering

- Youth Association of Blind: type some books for blind people.
- UNICEF: volunteer as a teacher for Syrian children.
- AMENAH NGO: volunteer as an English teacher for Syrian girl refugees.
- Kidney Unit: volunteer at AUBMC in the kidney unit.
- AUB Jaffet: volunteer as an organizer for seats in Jaffet library.

Workshops

- USAID – Workshops: Computer Literacy, Time Management, Problem Solving and Decision Making, Leadership series, Social Media, Presentation and Public Speaking, and Career Guidance.
- Participate in the training program of MENA Youth Capacity Building in Humanitarian Action 2019 (in Qatar).

Projects

- | | |
|---|------------------|
| • Project in a computer networks course: Game Implementation | AUB, Spring 2020 |
| • Community service project with USAID: Improving online learning in public schools (In progress) | AUB, Fall 2020 |
| • Project in a Web development course: Designing a website for marine items store | AUB, Summer 2020 |
| • Project in a machine learning course: Solve mental health problems (In progress) | AUB, Fall 2020 |

Relative Courses at AUB

Data Structures and Algorithms: This course covers fundamental algorithms and data structures that are used in software applications today (sorting, searching, indexing, linked lists, binary trees, heaps, B-Trees, and graphs).

Computer Networks: This course outlines data communications, wide area networks, circuit and packet switching, routing, congestion control, local area networks, communications architecture and protocols, internetworking.

Design and Analysis of Algorithms: This course covers techniques for the design and analysis of efficient algorithms. (Divide-and-conquer, dynamic programming, greedy design, matrix multiplication and elementary arithmetic algorithms...).

Introduction to Machine Learning: This course discusses the intuition and the theory of some selected modern machine learning concepts as well as the practical know how to successfully apply them to new problems.

Web Programming and Design: This course introduces the fundamentals needed to program on the Internet, and the state of the art technologies used in designing and developing rich multi-tiered web based applications.

Summary Skills

Computer Skills: python, C++, Java, VHDL, HTML, CSS, JavaScript, PHP.

Languages: Arabic (Fluent), English (Fluent), and French (Moderate).

Soft Skills: Leadership, Communication, Problem Solving.

Hobbies

Writing articles and thoughts in Arabic Language.

Reading Arabic and English books.