

# Ali Mansour

COMPUTER AND COMMUNICATION ENGINEERING STUDENT

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"The only thing constant in life is change." - Heraclitus

## American University of Beirut

B.E. IN COMPUTER AND COMMUNICATION ENGINEERING

Beirut, Lebanon

Sep. 2020 - Dec. 2024

## American University of Beirut

MINOR IN APPLIED MATHEMATICS

Beirut, Lebanon

Sep. 2020 - Aug. 2023

## Relevant courses

Digital Systems Design, Computer Organization, Intermediate Program.w.Data Structures, Computer Networks, Design of Analysis and Algorithms, Software Tools Laboratory, Introduction to Machine Learning, Advanced Optimization Techniques

## Projects

### 2d game

UNIVERSITY COURSE PROJECT

Implemented a Java-based 2D spaceship game, demonstrating proficiency in object-oriented programming principles such as inheritance and polymorphism. The game was built using the Graphics class.

### RISC-V Scrambler-Descrambler

UNIVERSITY COURSE PROJECT

Engineered a text/word scrambler-descrambler program e using assembly language(RISC-V), showcasing an understanding of low-level programming.

### Personal Website

FRONT-END

Designed and developed a personal website hosted on github.io. The website was created using HTML and CSS, demonstrating front-end development skills.

### Client-Server-Network-Game

UNIVERSITY COURSE PROJECT

Developed a two-player client-server network game in Python that incorporated delay as a gameplay element. The game was implemented using the Socket API, demonstrating knowledge of network programming.

### Wikipedia Page

WIKIPEDIAN.

Led the creation of a Wikipedia landing page for **Amine Takieddine** from scratch. Responsibilities included task distribution and providing support to the team.

## Skills

### Programming

Java, Python

### Soft skills

Teamwork, Adaptability, Problem-Solving, Critical thinking

### Languages

Arabic, English

## Volunteering

- Participated in AUB Lifeblood, a student-led initiative at the American University of Beirut. Contributed to the community by providing vital blood donations to AUBMC
- Engaged in AUB UNICEF's community outreach programs. Participated in workshops aimed at supporting underprivileged children, primarily orphans. Provided essential items such as clothing, books, and toys to enhance their quality of life.