

# Ali Zoort

Computer and Communication engineering

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## EDUCATION

### Bachelor Degree in Computer and Communication Engineering

Université Saint-Joseph de Beyrouth ESIB

10/2017 - 06/2022

Mar Roukoz, Lebanon

#### Courses

- Data structures and algorithms (C++): Complexity-Sorting algorithms-DFS-BFS-Testing connectivity-Arrays and Linked lists-Dynamic Programming...
- Design Patterns and Java: Gang of four Design patterns-Java AWT-OOP-EJB-Java RMI...
- Functional programming (Scala): tail recursion-Pattern matching-persistent data structure
- Theory of graphs (Python): Kruskal-Dijkstra-Cycles detection-Linear programming-Markov chain...
- Artificial intelligence : state space-informed and uninformed search- adversarial search...
- Web and Mobile development : React Native-React-Express.JS-MongoDB-Angular-Bootstrap 4
- OOP (C++)
- Principles of compilers : lex - yacc
- operating systems (Unix): C programming- POSIX-problem of concurrency and synchronisation -memory management...
- Python OOP-Networkx library -Tkinter (GUI)-linprog-sklearn-matplotlib -numpy...

### Lebanese Baccalaureate in General Science

Khaled Ben Al Walid High School

2017

16/20

## WORK EXPERIENCE

### Personal Math and Physics Tutor

Adressed for high school students

*the way of teaching is based on these points:*

- Analysing the problem in a more efficient way
- Understanding the way of thinking of each student by letting them explaining their ideas
- Identifying the point of weakness of the student
- Developing the critical thinking

## SKILLS

Ability to work under pressure

Time management

Adaptability

Communication skills

## PERSONAL PROJECTS

### Health Monitoring Application (04/2021)

- I created an application using React Native , Express.JS ,MongoDB to monitor vital signs .
- The application extracts data from Samsung health such as heart rate and oxygen saturation.

### Web Project (11/2020)

- Creating a Website for buying village food products.
- Tools and technologies used in the project : Angular Framework - Bootstrap 4 -JavaScript -MongoDB -Express Framework.

### Link it | Beirut

- Creating an algorithm to solve the problem of packing in trucks using python.
- Doing interviews with specialised persons in order to know their needs.

## CERTIFICATES

CCNA routing and communication

Delf B2

## LANGUAGES

Arabic

*Native or Bilingual Proficiency*

French

*Full Professional Proficiency*

English

*Full Professional Proficiency*