



# Mohamad CHALHOUB

## Programmer / Freelancer

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## PROFIL

A motivated and ambitious student pursuing a Master Degree in Computer Science at the Lebanese University. Most users see a computer at the front and use the graphical user interfaces. The first time I used a computer, it intrigued me to know how these interfaces work, the theory behind computers and the methodology of how they work...

## EDUCATION

2019 - 2021 Beirut-Lebanon Lebanese University	Master (M1) In Computer Science, Lebanese University, Faculty of Science.
2016 - 2019 Nabatieh-Lebanon Lebanese University	Bachelor's Degree In Computer Science, Lebanese University, Faculty of Science.
2013 - 2016 Abbasieh-Lebanon Abbasieh High school	Scientific Baccalaureate, General Science Section, Abbasieh high school.

## TECHNICAL SKILLS

### Programming languages

- Java, C#, Python, C++
- PHP, HTML5, CSS3, JavaScript, Asp.net
- MATLAB, C, Assembly, Prolog

### Softwares, IDEs and OS

- VMware, ArcGIS, MATLAB, RapidMiner, Cisco packet Tracer, Microsoft SQL server 2014, Adobe (Premiere, Photoshop) and Microsoft office
- Eclipse, Android studio, NetBeans, Dev-C++, Visual studio, Unity, IntelliJ, Notepad++
- Windows and Linux

### Database management

- SQL, MySQL, SQLite, Firebase

### AI and Big data analytics

- Search algorithms, NN, Data analysis and Data mining using: NumPy, Pandas, Matplotlib, SciPy, Tensor flow, Keras

### Network Administration

- The concepts and principles of modern computer networks (Protocols and architectures).
- Network vulnerabilities, Cryptography, SSL/TLS Protocols and Firewalls Architecture (ACL's).
- Programming of distributed application (Java).

### Project management

- Agile Scrum

## PROFESSIONAL EXPERIENCE

My experience is limited to the projects I presented during my studies and the freelance project that I did. Such as:

### Developing E-commerce Mobile Application (Individual Project)

Jan 2019 – Aug 2019 (8 month)

Developing and maintaining an android based sharing platform for non-critical reusable medical devices.

### Developing AI Game (Othello) (University Project)

Apr 2020 – Aug 2020 (5 month)

Developing a strategy board game with C# using unity with an AI Opponent.

### Developing Java Mail Application (University Project)

May 2020 – Aug 2020 (4 month)

Developing and implementing client-server protocol designed to efficiently transfer mail and limit junk mail profusion (Stopping Spam E-mails).

### Developing Java Accounting Software (Individual Project)

Oct 2018 – Feb 2019 (4 month)

Developing an Accounting Software to help orchard owner manage the payments, the receipts, the employees and their payments and the invoices of the market.

## LANGUAGES

Arabic	Native
English	Fluent
French	Fluent

## PROFESSIONAL CERTIFICATES

Mar 2019 – Jul 2019 (5 month) Nabatieh-Lebanon Cisco Networking Academy	CCNA Routing and Switching: Introduction to Networks.
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