



# Mohamad CHALHOUB

## Programmer / Freelancer

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Site **<https://mh-chalhoub.github.io/>**

## 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...

## 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

## LANGUAGES

Français  
Anglais  
Arabe

B2 - Level

Fluent

Mother tongue

## 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.

## PROFESSIONAL EXPERIENCES

My experience corresponds to the projects that I presented during my studies and to the freelance project that I carried out. 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.

You can find out more about my projects in my GitHub  account

## PROFESSIONAL CERTIFICATES

Mar 2019 – Jul 2019 (5 month)  
Nabatieh-Lebanon  
Cisco Networking Academy

CCNA Routing and Switching:  
Introduction to Networks.

Find me on social media

