



Mohamad CHALHOUB

Programmer

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

PROFIL

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. I am enthusiastic about Geographic Information Systems (GIS) and aspire to contribute significantly to the advancement of geospatial technology and its applications through my academic and professional endeavors.

TECHNICAL SKILLS

Programming languages

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

Softwares, IDEs and OS

- ArcGIS Platform, VMware, MATLAB, RapidMiner, Cisco packet Tracer, Microsoft SQL server, 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, Tensor flow, Keras

Network Administration

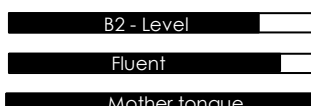
- The concepts and principles of modern computer networks (Protocols and architectures).
- Network vulnerabilities, Cryptography, SSL/TLS Protocols and Firewalls Architecture (ACL's).
- Programming of distributed application (Java).

Project management

- Agile Scrum

LANGUAGES

Français
Anglais
Arabe



EDUCATION

2023 - 2024
Beirut-Lebanon
Lebanese University

(Ongoing) Master (M2) In GIS and Data 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

PROFESSIONAL EXPERIENCES

Solution and Product Analyst, Esri Lebanon

Aug 2022 – Present

Engaged in various aspects of GIS and the ArcGIS platform. Developed solutions and integrated web and mobile applications with ArcGIS products. Provided support and training on the ArcGIS platform.

Developing E-commerce Mobile Application (Freelance 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 (Freelance 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

