



Mohamad HACHEM

Software Engineer specialized in Back-end, Data, and AI

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Languages: **French** (Good, B2 level), **English** (Excellent, C1 level), **Arabic** (Mother tongue)

Professional Experiences

Software Engineer, **QONTO**, Paris

Internship(6months) 2023

- Collaborated with the Backend Automation Team to enhance company-wide productivity and efficiency through the development of innovative software features.
- Engineered and maintained high-quality, ethical, and fast-performing code, adhering to the most recent industry standards and best practices.
- Ensured code integrity and functionality through rigorous unit testing and robust documentation.
- Adapted to a structured, waterfall project management environment, efficiently managing tasks and delivering solutions in line with project timelines.

Software Engineer, **Onepoint**, Paris

Internship(5months) 2022

- Managed creating scripts, cleaning, restructuring, and storing data
- Created the web application's functionalities and its REST APIs then visualized them
- Responsible for a coherent, ethical, fast, and well-documented code using the latest standards.
- Handled the application's Unit Tests
- Containerized the application using Docker and Managed Microsoft ACIs to put the application online

WordPress Developer, **Freelancer**, Beirut

2021

- Managed the entire website creation of Mekhitarist School
- Responsible for creating the interface design of the school
- Handled the needed functionality of the school including creating events, creating calendars, post pictures, update info...

Web Developer, **WEAVO**, Beirut

Internship (4 months) 2019

- Created Front-end pages using HTML5, CSS, Bootstrap, JS
- Managed back-end websites' functionalities using PHP

Stack and Skills:

Hard Skills: Python, Java, Spring boot, Flask, Django, RESTAPI, FastAPI, Gitlab, Notion, Swagger, Docker, Microsoft Azure, SQL, NoSQL, Mango DB, GitHub, Postman, SQL-Alchemy , ORM, Microsoft 365,Googling.

Soft Skills: Communication skills, Time and Stress management, conflict resolution, Leadership

- Chairman of Computer Science Society (2018-2019) and President of university's students (2019-2020)

Education

Ecole Supérieure d'Ingénieurs Léonard de Vinci (**ESILV**), La Défense FRA

Master's in data science & AI: Machine Learning, Big Data, Python, Database Management

2021-2023

Haigazian University, Beirut LBN

Computer Science degree: Advanced Programing, Design and Analysis of Algorithms, software engineering

2016-2020

Georgetown University, Washington D.C. USA

Certified in Leadership and Social work: Leadership, direct a project, lead a Team

2018

Online Companies' training and certifications

META (Programming in Python and Version Control):

- Link: <https://www.coursera.org/account/accomplishments/verify/TCW795GKMVM5>

SE Factory (Python fundamentals):

- This training includes the fundamentals of Python such as: classes, functions, methods. It also covers creating several projects using python including games, graphical interface and many more.

Other Projects

Levallois Smart City(6months):

- Worked with collaboration of Hauts-**de-seine** department et le **Curious Lab** on solving the circulation problem in Levallois-Perret through the smart city concept.

All Projects can be found:

- <https://github.com/Mohamad-Hachem>