

# WAJDI CHAKER JOMAA

Tripoli, Lebanon

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[Portfolio](#)

[LinkedIn](#)

## Skills

Spring Boot - Java - Python - SQL - MongoDB - Restful Api - Reactive Programming - OOP - Selenium - Cypress - Test automation

## Experience

**PROCCS**, Tripoli, Aug 2023 - Feb 2024

*Backend Developer*

- Constructing REST APIs with Spring Boot and Java.
- Learning Functional Programming with Java
- Designing MongoDB Database for efficient and resilient querying
- Implementing Reactive Programming for building a highly scalable backend

**Dubai technology partners (DTP)**, Tripoli, Aug 2022 - Jan 2023

*QA automation Intern*

- Internship involved working in a collaborative team environment
- Enhance testing process by transitioning to automated testing
- Utilised popular tools: Cypress and Selenium
- Integrated automated tests into a CI/CD pipeline

## Master 2 Project

**Optimising Materials Usage**, ProCCS, April 2024 - currently

- Goal: Optimise the ratios of different materials used for asphalt mixture with respect to the defined limits and costs. Also building a web interface to integrate the algorithms with the website of the company
- Tools used: Genetic Algorithms, Constraint programming, SpringBoot, Vaadin
- Languages: Python, Java

## Education

**Lebanese University**, Tripoli, Feb 2023 - Aug 2023

*Master 1 degree in Computer Science, GPA: 79.94/100*

**Lebanese University**, Tripoli, Aug 2019 - Jan 2023

*Bachelor of Computer Science, GPA: 83/100*

## Training

**Tashgeel (Laser Association)**, Tripoli, Apr 2023 - June 2023  
*Django Track*

Tashgeel training program:

- focused on web application development.
- Covered frontend, backend, and API creation
- Included a concise introduction to AI
- Technologies used: Django and Django Rest Framework (DRF)

**Programming Languages, [online course](#), University of Washington**

- Covered functional programming fundamentals.
- Included an assignment to build a small programming language called MUPL
- Covered OOP topics, with a comparison between functional and OOP style
- [Blog part A](#), [Blog part B](#)