# Perla Alhaddad

# Full Stack Web Developer

Email address: perlaalhaddad@gmail.com

LinkedIn: perla-alhaddad
Github: perla-alhaddad

Telephone number: +961 79 162 793

#### **PROFILE**

Full stack web developer, with two years of experience. Dedicated to crafting elegant products with a focus on top-tier code design and performance, using a diversity of modern technologies, with the goal to deliver a remarkable UI/UX experience for the user.

## PROFESSIONAL EXPERIENCE

#### Full stack web developer

November 2021 - present

UN-ESCWA, The United Nations Economic and Social Commission for West Asia

- Provided key contributions to the development of the UN RCP Open Data Catalog. Leveraging the <u>DMS tool</u>
   <u>CKAN</u>, I led efforts to create a dynamic website that facilitates seamless access to a diverse array of scraped datasets from various online sources.
  - Optimized Data Ingestion Performance: Spearheaded a significant enhancement in data ingestion efficiency, reducing processing time from 5 minutes to an impressive 400 milliseconds.
  - Revamped Frontend Interface: The resulting transformation ensured a cohesive and intuitive user experience, aligning the application with the organization's visual identity.
  - Enhanced Search Engine Functionality: Engineered a comprehensive revamp of the default CKAN Solr search engine, tailored to the project's specific requirements. This meticulous redesign delivered a remarkable performance boost. The search time was drastically reduced from over 30 minutes to an impressive 3 seconds for retrieving all recorded metadata.
- Built frontend applications for multiple clients. Most especially HTML/CSS/JavaScript and ASP.NET applications. Notable projects include: The *Arab Region Geospatial Portal*, and the *Arab Ground Water*.
- Enforced healthy codebases, coding style and standards.
- Proficiently designed and executed workflows that seamlessly integrated Azure technologies, including Azure
  Functions, triggers, queues, topics, and ACIs. Orchestrated efficient data processing and event-driven actions,
  showcasing a keen ability to leverage diverse tools for optimal performance.
- Worked on the cloud migration and refactorization of multiple on-premises applications.

#### Student intern

September 2021 - October 2021

UN-ESCWA, The United Nations Economic and Social Commission for West Asia

- In my third year of university, I joined UN-ESCWA as a Python web scraper for the "Future of Work" project.
  - Developed and managed more than 50 web scrapers, extracting data from diverse online sources, and seamlessly populating a MongoDB database for future data analysis.
- Developed dashboards using R, R shiny and R shiny dashboard.

# SOFTWARE AND TECHNOLOGIES

- HTML/CSS/Javascript, JQuery, Bootstrap
- ASP.NET
- R, R Shiny, R Shiny Dashboard
- Node.js
- MSSQL
- Microsoft Azure
- Java Python
- PostgreSQL

Docker

- Apache Solr
- Apache Spark

October 2019 – September 2022

#### . .

#### **EDUCATION**

# Computer Science bachelor's degree

Lebanese University, Faculty of Science - Fanar

**End of studies' project:** Develop a data catalogue for UN-ESCWA, using and extending the CKAN DMS software.

Graduated with Honors.

#### **LANGUAGES**

Arabic - Maternal Language | English - Professional competence | French - Professional competence