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| **Perla Alhaddad**  Full Stack Web Developer | **Email address:** perlaalhaddad@gmail.com  **LinkedIn:** [Perla Alhaddad](https://www.linkedin.com/in/perla-alhaddad-092880242/)  **Github:** [perla-al-haddad](https://github.com/Perla-Al-Haddad)  **Telephone number:** +961 79 162 793  **Portfolio:** [Perla Alhaddad](https://perla-al-haddad.github.io/Portfolio) |

# 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

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| 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 [DMS tool CKAN,](https://ckan.org/) 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.

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| 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

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| --- | --- | --- | --- |
| * HTML/CSS/Javascript, JQuery, Bootstrap | * Node.js | * Java | * Python |
| * ASP.NET | * MSSQL | * PostgreSQL | * Apache Solr |
| * R, R Shiny, R Shiny Dashboard | * Microsoft Azure | * Docker | * Apache Spark |

# EDUCATION

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| Computer Science bachelor’s degree | October 2019 – September 2022 |

*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