

# Fatima Al Hawli

Beirut – Lebanon  
(+961)-79132456 | fatimahawli03@gmail.com

---

## Profile

Data Science graduate and Master's candidate in Computer Science with strong experience in NGO education programs, digital learning, and digital marketing training. Proven ability to deliver inclusive, learner-centered training, support monitoring and reporting processes, and apply data-driven approaches to real-world problems.

## Experience

### Digital Trainer | Amel Association

- Conducted digital marketing training sessions for diverse age groups to empower online business growth.
- Delivered instruction on social media platforms, content creation, and SEO, enhancing participants' online engagement.
- Introduced participants to web analytics tools, enabling data-driven decision-making for their digital marketing efforts.
- Offered ongoing mentorship and support, addressing queries and fostering a collaborative learning environment.

### Social Worker | Amel Association

- Maintained structured data filing systems, tracked attendance, and prepared regular activity and progress reports.
- Conducted surveys and administered questionnaires to support data collection and program reporting.
- Participated in and supported Focus Group Discussions (FGDs) and Key Informant Interviews (KIIs) to gather qualitative data from beneficiaries and stakeholders.
- Ensured safe and appropriate referrals to internal and external services in line with organizational protocols.
- Coordinated closely with M&E staff to support monitoring processes, data quality, and effective evaluation activities.

### Data Science Intern | CMA CGM

- Executed NLP tasks including sentiment analysis, topic modeling, and named entity recognition on unstructured data.
- Performed exploratory and statistical data analysis (regression, clustering, hypothesis testing) on structured datasets.
- Developed NLP and machine learning models using Python libraries.
- Cleaned and processed large datasets with SQL, Pandas, and NumPy.
- Communicated analytical results to technical and non-technical stakeholders through visualizations and presentations.

## Facilitator | Amel Association with Makani

### *ABLN & RS Educational Programs*

- Delivered structured and adaptive lessons to children and youth (Grades 1–9), supporting foundational learning and academic growth.
- Developed inclusive lesson plans tailored to diverse learning needs, fostering engagement and participation among marginalized communities.
- Conducted regular assessments to monitor progress and refine teaching strategies, enhancing both academic outcomes and emotional well-being.
- Cultivated a safe, inclusive classroom environment that addressed educational gaps and advanced Amel Association's mission of equity and empowerment.

## Education

- **Data Science** | 2020-2023 | Lebanese University
- **Master of Science in Computer Science** | 2025–Present | American University of Science and Technology

## Skills & Abilities

### Technical Skills

- Python, SQL, Pandas, NumPy, scikit-learn, spaCy, NLTK
- Data Visualization: Matplotlib, Seaborn; Jupyter Notebooks
- Natural Language Processing (NLP), Machine Learning
- Microsoft Office Suite: Excel, PowerPoint, Word

### Training Skills

- **Training of Trainers (ToT)** – Educational & Digital Learning Programs
- **Digital Learning Platforms Training** – Akelius & BMA
- **NGO Code of Conduct & Safeguarding Training**
- **Inclusion & Inclusive Education Training**
- **Educational & Digital Skills Capacity Building Workshops**

## Certifications

### *Microsoft Office Specialist (MOS) – Microsoft*

- Word 2019/365 – July 2025
- Excel 2019/365 – July 2025
- PowerPoint 2019/365 – July 2025
- Office Tailored Training – Formatech