

SUMMARY SKILLS

Data Science: Python, R, MySQL, Pandas, Plotly, NumPy, Machine learning, Sklearn, Natural Language Processing, Data Visualization, Data Analysis, Streamlit, Dash, Tableau, Power BI

Programing skills: Java, Data Structures and Algorithms, Database and SQL, Cloud Computing, Microsoft Office

Soft skills: Research, Organization, Problem Solving, Communication, Teamwork, Public Speaking, Time Management

Languages: Fluent in English (written and spoken) and Arabic (native)

EDUCATION & CERTIFICATIONS

Master of Science in Business Analytics - MEPI-LiDS scholarship recipient August 2021 - Present
American University of Beirut (AUB), Beirut, Lebanon
Expected to graduate in July 2023

Microsoft certified: Azure Fundamentals, Data and AI Fundamentals January - March 2021
Microsoft, Remote

Introduction to Data Science Fundamentals December 2020 - March 2021
AI Ready Academy, Remote

Bachelor of Science in Computer Science - MCF scholarship recipient August 2016 - July 2020
American University of Beirut (AUB), Beirut, Lebanon

PROJECTS

- **Multidimensional Poverty in Lebanon** – a data analysis project built using Tableau where data related to multidimensional poverty was studied and analyzed.
- **Gender bias in Job Descriptions** – an unsupervised learning approach that aims to cluster if a job description is biased toward male or female or not biased.
- **Forecasting GDP** – a project implemented with ESCWA to forecast Gross Domestic Product using machine learning algorithms including autoregressive, seasonal autoregressive integrated moving average, and long short-term memory.
- **Analyzing LinkedIn Profiles** – a data analysis project that analyzes LinkedIn profiles through scraping information using a LinkedIn API, designing, and creating the database, and visualizing the extracted data.
- **Fake News Detection** – a machine learning project that uses long short-term memory algorithm to detect if news is general or not.

WORK EXPERIENCE

Researcher October - December 2022
AlAzema Media - Remote

- Collected data about educational institutes that have cultural related programs
- Analyzed, gathered and compared resources and ensured facts about the data collected
- Assisted in analyzing all data findings and drafting final report

Data Scientist June - August 2022
Kamkalima - Beirut, Lebanon

- Retrieved data from the company's database using MySQL queries
- Visualized the data using Plotly library and built a website using DASH library
- Created a recommendation system using deep learning algorithms

Research Assistant May 2021 - June 2022
United Nations Economic and Social Commission for Western Asia (ESCWA) - Beirut, Lebanon

- Performed research and administrative tasks and other ad-hoc activities in relation to Internet Governance, ICT indicators and Digital Development Maturity Index, and supported in writing reports on the obtained results
- Provided a variety of substantive and administrative services for data input related to Arab Digital Development Reviews and Agendas and national and Arab digital agendas
- Researched appropriate tools for intelligent search, data mining and harvesting pertaining to the National Digital Development Review Reports and Agendas

Social Campaign Organizer

July 2020 - January 2021

Roads to Social Justice (*an initiative that supports social issues in collaboration with Raseef22 and Good Pitch*) - Beirut, Lebanon

- Organized social campaigns for documentaries that tackle social issues
- Wrote articles about social issues in the world in general and in the MENA region in specific

Research Assistant

June 2020 - January 2021

Center for Civic Engagement and Community Service (CCECS) - Beirut, Lebanon

- Supported in articulating the research questions, setting the research path and preparing literature reviews
- Decided on the participants profiles and the methodologies to be followed to collect the data
- Designed the Microsoft SharePoint site for sharing and saving the research documents

Research Assistant

August - September 2019

Partner Research Project (*a collaborative research project between Edinburgh University, Makerere University, and AUB about the pathways of access to higher education for refugees*) - Beirut, Lebanon

- Conducted field visits, monitored focus groups and interviewed experts in refugees' engagement in higher education
- Supported in transcribing and annotating the interviews and focus groups using Dedoose

Designer & Teacher

December 2018 - February 2019

MindZone Startup - Beirut, Lebanon

- Designed and built a course about Python language for beginners
- Taught the course for beginners in Arabic through educational videos

EXTRACURRICULAR ACTIVITIES

Organizer

May - July 2022

Code Brave - Beirut, Lebanon

- Designed and implemented an outreach campaign for CodeBrave Scholarship program
- Organized the participants journey to join the program

Team Leader

January 2020 - November 2021

Back Home: Reviving Syrian Heritage among Refugee Children - Beirut, Lebanon

- Organized and implemented a community-based project that aims to revive Syrian heritage through technical skills
- Created the content for the workshops including PowerPoint, Google Sites and Photography skills

Participant

November 2019

Mena Youth Capacity building in Humanitarian Actions 2019 - Doha, Qatar

- Submitted a youth-led social project to link and connect volunteers in Lebanon
- Participated in trainings on humanitarian action, disaster preparedness, and capacity building

Guide

June 2018 - January 2019

Article 26 Backpack (*a collaborative refugee higher education ecosystem between Issam Fares Institute for Public Policy and International Affairs at AUB and University of California, Davis*) - Beirut, Lebanon

- Supported in the outreach campaign for the project
- Helped Syrian refugee students create and fill their Backpacks

Vice President

February 2017 - May 2020

MMKN Club at AUB - Beirut, Lebanon

- Organized and implemented social, academic, and recreational activities for public school students from all over Lebanon, including trips, activities and character development workshops for club members and volunteer teachers
- Organized a 5-days introductory Python Camp for high school students with hands-on-sessions
- Tutored 8th grade students to help them pass their exams and do their assignments

AWARDS

MasterIdea Entrepreneurship Competition - Beirut, Lebanon

September 2019

- Awarded Business Mentorship and received 17,000\$ for winning the competition
- [HAY! – How Are You?](#) is a social enterprise that offers group therapy sessions in Lebanon and spreads awareness on mental health and related issues in the region.

Social Venture Challenge - New York, USA

July 2019

- Awarded Fellowship and received 5,000\$ for winning the Social Venture Challenge organized by The Resolution Project and the Mastercard Foundation
- EduPass – Education is My Passport is social venture application that uses adaptive learning technology to help Syrian refugees overcome language and education barriers in the Lebanese curriculum.