

Younes Djemmal

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PROFESSIONAL SUMMARY

International student with excellent analytical and problem solving skills. Noteworthy experience within the areas of machine learning, computer vision, data analytics, data base management systems, algorithms and data structures, and project management. Significant experience in civil society and social initiatives.

EDUCATION

Lebanese American University, Beirut, Lebanon
BS in Computer Science, Minor: Data Analytics
MEPI TL Full Scholarship Recipient

Expected: June 2023
GPA: 3.73/4.0

Georgia Institute of Technology (Georgia Tech), Atlanta, Georgia, USA
Exchange Student

Jan- May 2022
GPA: 3.75/4.0

WORK and PROJECT EXPERIENCE

Data Science and Machine Learning summer internship at YASSIR SPA

June-Aug 2022

- I created a machine learning pipeline to predict customer churn at the company.

Machine Learning and Computer Vision projects

2022

- Completed advanced Machine Learning and Computer Vision courses at Georgia Institute of Technology with an A.
- Implemented different Machine Learning models from scratch (KMeans, GMM, Naïve Bayes, Random forests, GD, SDG, SVD, Regression ...) without the use of libraries like TensorFlow or sklearn and experimented on different projects.
- Learnt classical Computer Vision methods and implemented them (SIFT, BoW, Sterio Vision ...), as well as advanced Deep Learning architectures (CNN).

Peer-to-Peer architecture implementation

2022

- Implemented a peer-to-peer architecture similar to Bit-Torrent using python socket programming as a part of my Computer networking course at Georgia Institute of Technology.

NVIDIA FUNDAMENTALS OF DEEP LEARNING CERTIFICATE

2021

Project implementing different file structures

Nov-Dec 2020

- Sequential Access Structures, Contiguous Blocks, Chained Blocks. Sorted files, External Binary Search, Periodic Reorganizations, and File Merging, variable-Size Records, handling of Inter-block overlaps, Indexed files.

Millennium Campus Network (MCN) & UNAI, Beirut, Lebanon
Millennium Fellowship

Aug-Nov 2020

ETIC CLUB, Algiers, Algeria

Jan 2019-Jan 2021

External relations department & Event Manager

Scientific club of ESI
Secretary General

Mar-Aug 2019

EXTRACURRICULAR ACTIVITIES

AIESEC ALGERIA

Jun-Sep 2020

I taught advanced academic English to High school and university students online.

SIDRA ALGERIA/ ALGERIAN FOOD BANK

Jul-Aug 2021

I volunteered to help the people in need especially during the fires that burned several regions of Algeria destroying the homes and lands of people.

Certified Scuba Diver/Brown belt in karate-do

2016-today

I am a second degree certified scuba diver, swimmer, and brown belt holder in karate-do.

SUMMARY SKILLS and INTERESTS

Languages: Arabic: Native, French: Fluent, English: Fluent.

Programming languages and technologies: Java, Python (numpy, sklearn, keras, matplotlib...), SQL, Dart, Flutter, C, Tableau, SPSS, Excel.

Core fields: Machine learning, computer vision, algorithms and data structures, object oriented programming, data analytics.

Core skills: Project management, Teamwork, Communication, Problem Solving, critical thinking.

Interests: business intelligence, big data.