BELAL MOHSEN

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[LinkedIn](#) | [GitHub](#) | [Website](#)

PROFESSIONAL SUMMARY

A passionate and driven software developer with solid experience working on AI and software development projects. Well-versed in Python, data science, deep learning, machine learning, natural language processing, edge and cloud computing, and big data. An excellent communicator with strong collaboration skills. Seeking opportunities as a software developer.

TECHNICAL SKILLS

Programming Languages: Python, familiar with Java, Golang and JavaScript
ML & DL Technologies: Tensorflow, Keras, LSTM, GRU, Pandas, Numpy, Matplotlib, Seaborn, PyQt5, NLTK, BERT, Scipy, SciKit-Learn
Databases: MySQL, SQLite, familiar with MongoDB
Hardware Kits: Nvidia Jetson Boards, Arduino, Raspberry Pi, FPGA, PIC Micro-controller
Other: Docker, VM, Microsoft Azure, CI/CD Pipeline

PROFESSIONAL EXPERIENCE

FaimData   Montreal, QC
Software Developer Intern   **May 2022 – Aug 2022**
- Troubleshot, debugged, and upgraded existing computer vision software.
- Refactored applications written in JavaScript and re-coded them in Golang.
- Deployed deep learning models on Nvidia Jetson boards using Docker containers.
- Coded, improved, and maintained distributed sensors' data collector software using Python and C.

Era Novum Assemblage   Montreal, QC
Furniture Assembler   **Sep 2021 – Apr 2022**
- Led a team of 5 responsible for assembling and repairing motorized reclining sofas.
- Ensured team worked collaboratively to complete work safely and on time.

Jordan University of Science & Technology   Ar Ramtha, Jordan
AI Developer & Research Assistant   **Oct 2018 – Mar 2020**
- Developed, built, and tested AI applications for the Computer Engineering and Software Engineering Departments.
- Collected structured and unstructured data using different sources and methods.
- Prepared collected data (usually large data sets) by cleaning and eliminating errors; converted unstructured data to structured and proper form based on the task.
- Used visualization tools like Matplotlib and Seaborn to present data.
- Built, trained, validated, and tested ML and DL models against the collected data to solve real-world problems.
- Deployed the training models; built and created GUI-based applications using PyQt5.

Yemeni University of Science & Technology   Amman, Jordan
Instructor & Graduate Projects Supervisor   **Jun 2016 – Dec 2019**
- Helped students develop ideas and generate AI and ML applications to solve real-world problems.
- Supervised, mentored, and led students' groups during their work on graduation projects

- Taught IT and mathematics classes; reviewed and evaluated group projects.

EDUCATION

Jordan University of Science & Technology, Ar Ramtha, Jordan   2018
M.Sc. – Computer Engineering
- Received mention of excellence for GPA of 3.99/4.00

Aleppo University, Aleppo, Syria   2012
B.Sc. – Computer Engineering

VOLUNTEER EXPERIENCE

- **Volunteer** – *Bienvenue à NDG, Montreal – 2021*

CERTIFICATES & TRAINING

- **English Courses** – *HSM Adult Education Centre, Montreal – 2022*
- **AZ-900 Microsoft Azure Fundamentals** – *Udemy – 2022*
- **Deep Learning AI TensorFlow Developer Professional Certificate** – *Coursera – 2021*
- **Machine Learning Engineering for Production Specialization** – *Coursera 2021*
- **Francization** – *Ministry of Immigration, Francization, and Integration – 2021*

LANGUAGES

- **English** (fluent)
- **French** (basic)
- **Arabic** (native)

SKILLS

Data science, deep learning, machine learning, natural language processing, big data, edge and cloud computing