Nemat Aloush

Software Engineer currently studying Masters in Machine Learning and Big Data. Due to my studies, I have been actively engaged in multicultural environments. I have academic experience and seeking full-time opportunity as a Machine Learning Engineer and Data Scientist.

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WORK EXPERIENCE

Syrian Virtual University (SVU) Damascus, Syria.
— *Teacher Assistant*

Providing virtual education to students from around the world. APR. 2021 – SEP. 2021

- Taught basic concepts in algorithm thinking and C# programming language to first-year students in Information Technology Engineering program in online based form.
- Checked and evaluated students' individual final projects.
- Worked with two Professors and three engineers to teach the course

Syriatel Mobile Telecom, Damascus, Syria.
— *Software Engineer, Student Internship*

Telecommunications company in Syria JUL 2019 - SEP. 2019

- Developed a Social Network Analysis system as a fourth-year project in my software engineering studies, that served to guide any user with no experience in the SNA to detect communities, find the influencer and perform other tasks on a social network.
- Worked with two academic supervisors and one technical supervisor.
- Developed the system using R language.
- Ranked the first in my fourth academic year, based on the grade of the project and other academic courses.

EDUCATION

ITMO University, Master's degree in Applied Mathematics and Computer Science – Machine Learning and Big Data.

Excellent Student. SEP 2021 - JUL 2023

Multivariate Data Analysis Project. Analyzed a real-world dataset by analyzing univariate and multivariate random variables, sampling, and forecasting multivariate random variables using Python programming language.

HIAST Institution, Bachelor of Science degree in Software Engineering

Ranked the first in the class in the graduation and the fourth year. OCT 2015 - SEP 2020

Semantic Search Engine Project. Developed a semantic search engine in English to search among news imported from BBC. The engine was developed using Java programming language and applying Natural Language Processing and Information Retrieval concepts.

STACK

Proficient: Python, C#, C++, Java, SQL, Pandas, NumPy, Jupyter, GitHub.

Good: PHP, JavaScript, MySQL, Git, Skearn, SciPy, Keras, TensorFlow.

Familiar: R, Kubernetes, Spark

AWARDS

25th Place Certificate of Achievement (2018) issued by ACPC (The Arab Collegiate Programming Contest).

Award for best advertising design (2016) issued by WRO Syria (World Robot Olympiad).

LANGUAGES

Arabic native
English B2, fluent
French A1, beginner
Russian A1, beginner