

Nemat Aloush

Software Engineer currently specializing in Machine Learning and Big Data, with theoretical and practical experiences. Actively engaged with multicultural environments. Seeking an opportunity to share my experience and gain impactful experience.

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[Portfolio](#)

WORK EXPERIENCE

Syrian Virtual University (SVU)

Teacher Assistant

Damascus, Syria

April 2021 - September 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

Student Internship

Damascus, Syria

July 2019 - September 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 project grade and other academic courses.

EDUCATION

ITMO University

Master's degree in Applied Mathematics and Computer Science.

Saint Petersburg, Russia

Graduation Date: July 2023

- Relevant Courses: Machine Learning, Advanced Natural Language Processing, Data Visualization, Big Data, Multivariate Data Analysis, and Algorithms.

HIAST Institution

Bachelor of Science degree in Software Engineering.

Ranked the first on the class in the graduation year.

Damascus, Syria

Graduation Date: September 2020

- Relevant Courses: Machine Learning, Natural Language Processing, Artificial Intelligence, Computer Vision, Information Retrieval, Web Development, Software Development, Object Oriented Programming, Project management, and Financial Accounting and Management.

PROJECT EXPERIENCE

ITMO University

[Multivariate Data Analysis Project](#)

Saint Petersburg, Russia

October 2021

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

HIAST Institution

[Semantic Search Engine](#)

Damascus, Syria

February 2020

- Developed a semantic search engine in English to search among news imported from BBC.
- Developed the engine using Java programming language and applying NLP, and Information Retrieval.

STACK

- **Programming Languages:** *Proficient:* Python, C#, C++, Java, SQL. *Good:* PHP, Java Script. *Familiar:* R,
- **Tools:** Sklearn, Pandas, Numpy, Scipy, Keras, Tensorflow, Jupyter, GitHub, Kubernetes, Spark.

AWARDS

- 25th Place Certificate of Achievement issued by ACPC (The Arab Collegiate Programming Contest). *May 2018*
- Award for best advertising design issued by WRO Syria (World Robot Olympiad). *July 2016*

LANGUAGES

Arabic (Native), **English** (C1, Proficient), **French** (A1, Basic), **Russian** (A1, Basic).