

# Nemat Aloush

A data scientist with Python stack, perusing a master's degree in Machine Learning and Big Data. I have been actively engaged in multicultural environments. I am seeking an opportunity for an internship as a Data Scientist.

## EDUCATION

**ITMO University**, Master's degree in Applied Mathematics and Informatics – Machine Learning and Big Data Analysis Technologies.

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.

**HIASST 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.

## 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.

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## STACK

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

**Good:** PHP, JavaScript, MySQL, Git, Sklearn, SciPy, Keras, TensorFlow.

**Familiar:** R, Kubernetes, Spark

## AWARDS

**25<sup>th</sup> 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  
**German** A1, beginner  
**French** A1, beginner  
**Russian** A1, beginner