






Nemat Aloush

A **Data Scientist** (Python, and SQL) with over two years of experience working with international teams. Graduated in the top 10% of the class with a B.Sc. in Software Engineering. Soon to graduate with a M.Sc. in Applied Mathematics and Informatics.

 Saint Petersburg, Russia
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 [GitHub/nemat.aloush](https://github.com/nemat.aloush)
 [Portfolio/nemat.aloush](#)

EDUCATION

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

The degree is completely in English SEP 2021 - JUL 2023
[Multivariate Data Analysis Project](#). Analyzing a real-world dataset by studying univariate and multivariate random variables, sampling, and forecasting using Python.

HIASST Institution, Bachelor's degree in Software Engineering.

Graduated in the top 10% of the class. OCT 2015 - SEP 2020
[Semantic Search Engine Project](#). Developed a semantic search engine in English to search among news imported from the BBC. The engine was developed using Java and applying Natural Language Processing and Information Retrieval concepts.

WORK EXPERIENCE

[Syrian Virtual University](#), Damascus, Syria — *Teacher Assistant*

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

- Teaching basic concepts in algorithm thinking and C# programming language to first-year students in the Information Technology program.
- Evaluating 120 students' individual final projects.
- Member of a team of two professors and three other engineers.
- Regularly taught the course remotely.

[Syriatel Mobile Telecom](#), Damascus, Syria — *Software Engineer, Student Internship*

A telecommunications company in Syria. JUL 2019 - SEP 2019

- Developed a [Social Network Analysis system](#) in R programming language as a fourth-year academic project. The project served to guide any user with no experience to discover social networks.
- Worked under the supervision of two academic supervisors and one technical supervisor.
- Ranked first in my academic fourth year, based on the grade of the project and other academic courses.

STACK

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

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

Familiar: R, Kubernetes, Spark

LANGUAGES

Arabic native
English fluent
German beginner
French beginner
Russian beginner



Talent without Borders.
Imagine Foundation e.V.
joinimagine.org

10/14/2022

Recommendation letter for Nemat Aloush

Dear colleague -

I hope this finds you well.

I'm writing to you to **strongly endorse Nemat Aloush** for a technical role in your company.

We are a social venture that supports young aspiring talents from non-European countries in finding a challenging tech job in Europe or North America. We run a **highly selective 4 week digital boot camp** for full stack developers, data scientists/engineers and software automation testers. Over the course of the program, we identify candidates whose **talent, passion and work ethic** significantly stand out from their peers.

Nemat Aloush is an outstanding Data scientist who ranks in the top 10% of our peer group.

English communication	Strong – validated in multiple rounds of 1:1 interviews
Technical skills	High & up to date – on par with candidates in Germany
Unique qualities	Academic excellence (top 10% of class)
EU 'Blue Card' eligibility	Yes - Degree needs review - run a quick check via Anabin DB
Maturity	Junior – 1 year of work experience

Please feel free to reach out to me personally at johann@joinimagine.org in case of any questions.

Warm regards & herzliche Grüße -

Dr. Johann Daniel Harnoss
Founder & CEO

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