Nemat Aloush

Data Scientist with a **Software Engineering** background. Proficient in **Python**, and **SQL**, and experienced in data preprocessing, exploratory data analysis, and machine learning. Additionally, my software engineering background has equipped me with skills such as object-oriented programming and gave me the chance to use different languages such as **Java**, **C++,** and **C#**. I am passionate about using my skills to solve real-world problems and make a positive impact on society.

Saint Petersburg, Russia
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WORK EXPERIENCE

Research Intern, ITMO University.

Saint Petersburg, Russia   SEP 2021 – Present
- Univariate and multivariate analysis of datasets, sampling, and forecasting.
- Building, training, and testing **Machine Learning** models for different tasks.
- Applying the stack of Natural Language Processing for different tasks.
- Adopted **Python** programming language most of the time.

Teacher Assistant, Syrian Virtual University.

Damascus, Syria   APR 2021 - SEP 2021
- Taught basic concepts in algorithm thinking and **C#** remotely.
- Tutored students one-on-one as they studied or worked on their projects.
- Utilized various teaching techniques to effectively deliver lessons.
- Evaluated 120 students' individual final projects.
- Taught with a team of two professors and three other engineers.

Software Engineer Internship, Syriatel Mobile Telecom.

Damascus, Syria   JUL 2019 - SEP 2019
- Developed a Social Network Analysis program in **R** programming language.
- Designed a user-friendly guide to allow lay public to analyze social networks, find influencers and discover communities.
- Worked with a team of three supervisors.

EDUCATION

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

Saint Petersburg, Russia   SEP 2021 - AUG 2023
E.g., Multivariate Data Analysis Project.

HIAST Institution, Bachelor's degree in **Software Engineering**.

Graduated in the top three of the class.
Damascus, Syria   OCT 2015 - SEP 2020
E.g., Semantic Search Engine Project.

STACK

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

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

Familiar: Kubernetes, Spark

LANGUAGES

English   fluent
Arabic   native
German   beginner
French   beginner
Russian   beginner

PROJECTS

- Air Disasters Analysis
- Global Terrorism Data Analysis
- Social Media Monitoring
- Exam-Platform-ASP.NET-Core

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