GESER DUGAROV, Ph.D. | Software Engineer, ML Engineer

email:	geserdugarov@gmail.com
languages:	English (advanced), Russian (native)
profiles:	LinkedIn, GitHub

SUMMARY

Software Engineer on Data Science projects in IT startup. The last year mainly focused on making a project of truck monitoring to production and improving results.

Wide experience in research and data analysis (13 yrs, PhD). Made a transition from fundamental research in Oil & Gas to research and development in IT due to my passion to create products that people use.

TECHNICAL SKILLS

Python, SQL, Docker, Apache Kafka, Linux, Git

WORK EXPERIENCE

Feb 2022 - current (1 yr)

Software Engineer,
Digital Research (computer vision startup)

- Integrated monitoring system in the construction industry, which reduced trucks downtime by 12%. Search for suitable open-source solutions for number plate recognition, system design of event based architecture, and development of server side processing from frames receiving to sending messages about truck passing.
- Business incubator support of a project of attendance tracking system development (based on face recognition), including door access controller development (currently on a stage of prototype testing).

2009 – 2022 (13 yrs)

Research Assistant >> Research Associate >> **Senior Researcher** (since 2019),
Trofimuk Institute of Petroleum Geology and Geophysics

- Transferred new technology of fractures parameters estimation from fundamental research to business (NIS-Naftagas, Serbia). Lead the project: requirements specification for tough combination of research part and software development dependent from research results, project status meetings (40 presentations), and project stages delivery (4 reports and project defenses).
- 5 years in a row of personal projects supported by main foundations (2017-2021), laboratory budget for these 5 years have been increased by 18%.
- 4 graduate students: 3 MSc (2022*2, 2020), 1 BSc (2020).
- "The best young researcher in Earth science organizations" award (2019).

EDUCATION

2013

PhD, Geophysics,
Trofimuk Institute of Petroleum Geology and Geophysics SB RAS

2009

MSc, Computational and Applied Mathematics,
Novosibirsk State University

CERTIFICATES

- Deep Learning Specialization, Coursera (2021).
- Machine Learning, Coursera (2021).

HOBBIES

- Going to the gym on a regular basis (since 2019).
- Reading developmental psychology and business management books.