

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

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languages: English (advanced), Russian (native)

SUMMARY

Wide experience in fundamental research (13 yrs, PhD). Made a transition from research in the Oil & Gas industry to Research & Development in the IT industry due to the rising problem with climate change.

Currently combine positions of Lead Software Developer and Technical Project Manager on Data Science projects. Skilled in finding solutions for customer needs.

TECHNICAL SKILLS

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

WORK EXPERIENCE

Feb 2022 - **Lead Software Developer | Technical Project Manager**,
current (1 yr) **Digital Research** (computer vision startup)

- Integrated monitoring system (based on computer vision) in the construction industry, which reduced trucks downtime by 12%. Search for suitable open-source solutions for number plate recognition, system design, and development of server side event based architecture from frame 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 Research Assistant >> Research Associate >> **Senior Researcher** (since 2019),
(13 yrs) **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.

[LinkedIn profile](#), [CV webpage](#), [GitHub profile](#)