

## GESER DUGAROV, Ph.D. | Data 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 Software Developer and Technical Project Manager on Data Science projects. Skilled in finding solutions for customer needs.

### TECHNICAL SKILLS

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

### WORK EXPERIENCE

Feb 2022 - **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%.
- 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), which linked commonly separated stages of data processing and interpretation.
- 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](#)