

## GESER DUGAROV, Ph.D.

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**languages:** English (advanced), Russian (native)  
**location:** Novosibirsk, Russia



### SUMMARY

Made transition to data-driven R&D in the IT industry after 12 yrs in fundamental research. Holds a degree of a Doctor of Philosophy (Ph.D.) in Geophysics. Author and coauthor of more than [50 publications](#). Experienced in project management.

### TECHNICAL SKILLS

*Python, Docker, Git, Linux, Matlab*

### WORK EXPERIENCE

**ML Research Engineer, [Digital Research](#)** (spinoff of [Digital Clouds](#)) **II/2022 – current**  
• Vehicles monitoring (based on computer vision) in the construction industry. Team leader role.

**Senior Researcher, [Trofimuk Institute of Petroleum Geology and Geophysics](#)** **X/2009 – current**  
• Experience of technology transfer from fundamental research to business. Team leader role.  
• 5 years in a row of personal projects supporting by main foundations (2017-2021).  
• 4 graduate students: 3 MSc (2022\*2, 2020), 1 BSc (2020).  
• "The best young researcher in Earth science organizations" award (2019).

*Research Associate (II/2014 – IV/2019), Research Assistant (X/2009 – II/2014)*

### EDUCATION

**PhD, Geophysics,** **X/2009 – XII/2013**  
Trofimuk Institute of Petroleum Geology and Geophysics SB RAS (4 years)

**MSc, Computational and Applied Mathematics,** **IX/2004 – VI/2009**  
Novosibirsk State University (5 years)

### CERTIFICATES

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

### PROJECTS

- XII/2019 – VIII/2021 AVAZ inversion of local object anisotropy parameters from 3D seismic data  
*Role: project manager. Team size: 7. Customer: NTC NIS-Naftagas, Serbia.*
- VII/2019 – VI/2021 Acoustic properties and internal structure of hydrate-bearing coal samples  
*Role: head of the project. Team size: 5. Supported by RSF, grant No. [19-77-00068](#).*

### HONORS AND AWARDS

- Trofimuk Memorial Medal Award (2021).
- "The best young researcher in Earth science organizations" (2019).

### HOBBIES

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

Updated: 29.07.2022, [the last version](#)