GESER DUGAROV, Ph.D. | Software Engineer, Big Data Engineer

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

SUMMARY

Software Engineer developing core functionality in a data lakehouse platform. On a previous position developed a project of trucks monitoring by number plate recognition. Made to production, which reduced trucks downtime by 12%.

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.

Personal mission statement: "Living a balanced life. Helping professionals to work smarter, not harder by creating automatic systems for their routine."

TECHNICAL SKILLS

Python, Java, Maven, SQL, Spark, Docker, Hadoop, Linux

WORK EXPERIENCE

May 2023 - current   **Big Data Engineer, Huawei Cloud**

• Development of core functionality in a data lakehouse platform.

Feb 2022 - May 2023 (1.5 yr)   **Software Engineer, Digital Research** (computer vision startup)

• Created an event-based architecture for a system of batch image processing (~20k images / day). Developed server-side image processing. In production the system reduced downtime of trucks by 12%.

• Created a customer-facing web UI with reports and data visualization. Also created an internal web UI for system monitoring.

2009 – 2022 (13 yrs)   Research Assistant >> Research Associate >> **Senior Researcher** (since 2019), **Trofimuk Institute of Petroleum Geology and Geophysics**

• Transferred new technology of fracture parameters estimation from fundamental research to business (NIS-Naftagas, Serbia). Lead the project combined from cross-dependent research and software development parts.

• 5 years in a row of personal projects supported by main foundations (2017-2021), laboratory financial resources have been increased by 18% for these 5 years.

• 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.

Recent version of CV