

Education

2017-2021 **National University of Science and Technology MISIS - Bachelor's Degree**
Materials Science Department

2021-Present **Skolech Institute of Science and Technology - Master's Degree**
Materials Science Department

Work experience

2022-Present **Department of Light-Induced Surface Phenomena, Prokhorov General Physics Institute of the Russian Academy of Sciences**
Grant participant (grant № 22-22-00555)

Experience

2017-2019 **Laboratory of X-ray Structural Research and Diagnostics of Materials, NUST MISIS**
Research on properties and structure of amorphous material using various methods
Thesis on the topic:
Research of the phase composition of powder when chemical composition is unknown (Supervisor: Senior Lecturer Zaharova, E. A.)

2019-Present **Computational Materials Discovery Laboratory, Skoltech**
Structure and stability of nanoclusters promising for catalysis. (Catalytic activity of Cu-Au nanoclusters for CO oxidation)

2020-Present **Laboratory of the Theory of Superconductivity and Statistical Physics of Complex Systems, Lebedev Physical Institute**

Global optimization structure of nanoclusters (Cu-Au) using GUPTA Potential, DFT calculations

Practices
Skoltech Summer Industrial Practice, 2020
Industrial Immersion in "Core Technologies", 2022

Conferences and workshops
75th "Days of Science" at NUST MISIS, 2020
19th ONLINE USPEX workshop (19th Lyakhov school), 2020
Online course "From structure to production: Methods and approaches to predicting and obtaining new materials with high performance", 2020

Skills

English (Upper Intermediate), Russian (native)
Python (Middle), Linux (Middle)
Familiar Packages: Gaussian, VASP, LAMMPS, USPEX

Extacurriculars

2018-2020

Science Popularizing Activities

Career Center, NUST MISIS

Active member of this student organization which promotes courses about technology, engineering and organizes industrial practice for students. Organized excursions in the companies ("Logrocon", "Chernogolovka", "Air Liquide", etc.) for students headed by the project "Company of my dreams"

2019

Big Challenges , Education Center "Sirius"

Supervisor Assistant in the "New materials" Department