



DANIIL CHERNYSHOV

RESEARCHER IN MATERIALS SCIENCES

Skills

- Software**
Abinit, Gaussian, OPIUM, VESTA
- Programming languages**
Python, Fortran
- Presentation**
LaTeX, Microsoft Office
- Languages**
Russian (native)
English (B2)
Ukrainian (C1)

Interests

Guitar, poetry, camping

Experience

- 2021 - 2023**
Institute of crystallography A. V. Shubnikova
Engineer
Ab initio calculation of ferroelectric and magnetic systems
- 2022 - 2023**
University Liceums NRNU MEPhI №1511
Middle school mathematics teacher
Teaching mathematics
- 2023 - Present**
Skoltech, CEST
Research intern
Investigation of properties of protective coatings for solid-state batteries from first principles

Education

- 2017 - 2021**
BACHELOR DEGREE
National Research Nuclear University MEPhI
Department of Theoretical Nuclear Physics
Thesis: Investigation of the magnetically active complex CaCl_2 by the density functional theory
Supervisor: A. U. Belov, PhD
- 2021 - 2023**
MASTERS DEGREE
National Research Nuclear University MEPhI
Department of Solid State Physics
Thesis: Structure and properties of domain walls in $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ solid solutions from first principles
Supervisor: A. U. Belov, PhD

Contact

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