

CURRICULUM VITAE

MAKSIM GREBENIUK

WORK EXPERIENCE

2020 - Present

Laboratory assistant, Skoltech,
Material Discovery Laboratory,
Supervisor: Prof. Oganov A. R.

Prediction of new high-temperature
superconducting polyhydrides based
on calcium and yttrium.

2021 - 2022

Laboratory assistant, MUCTR,
Department of Organic Chemistry,
Supervisor: Prof. Traven V. F.

The synthesis of fluorescent materials
based on 7-(diethylamino)-kumarin.

2020 - 2021

Laboratory assistant, Skoltech, CEST,
Supervisor: Prof. Troshin P. A.

2D copper-benzoquinoid metal-organic
framework (Cu-THQ MOF) as a cathode
material for K-ion batteries.



PERSONAL INFO

DOB: February 20, 2001

Moscow, Russia

maxnev_2012@mail.ru

LANGUAGE

Russian (native)

English

SKILLS

Computational Chemistry:

USPEX, VASP, Phonopy,

Quantum Espresso,

Python-SSCHA,

FHI-Aims, ORCA

HOBBIE

Olympic weightlifting,

Philosophy, Powerlifting,

Sport of athletics

EDUCATION

- 2019 – Present

Mendeleev University of Chemical Technology of Russia (MUCTR),
Moscow, Russia

- Bachelor's degree at Chemistry, Institute of Chemistry and
Problems of Sustainable Development, Skoltech Department
«Organic and Hybrid Materials for Energy Conversion and Storage»

HONORS & AWARDS

- Participant of XIV International Scientific and Practical
Conference Education and Science for Sustainable Development,
Moscow, Russia

Topic: Superconductivity in binary and ternary
hydrides under high pressure.

- Participant of XVII Conference of young scientists, graduate
students and students of IPCE RAS "PHYSICOCHEMISTRY - 2022",
Moscow, Russia

- Topic: Prediction of new high-temperature superconducting
polyhydrides based on calcium and yttrium.