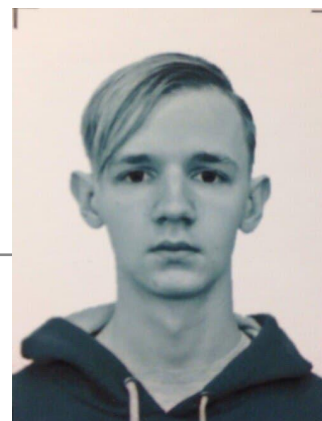


Anton Volodin

Curriculum Vitae



Personal Information

Date of birth August 16, 2001
Citizenship Russia
Email volodin.anton.a@gmail.com
Languages Russian (Native), English (B2)

Education

09.2019 - Present Mendeleev University of Chemical Technology of Russia (Bachelor),
Skoltech Faculty "Organic and Hybrid Materials for Energy
Conversion and Storage", Moscow, Russia

Working Experience

2021 - Present Junior Scientist, Materials Discovery Laboratory, Skolkovo Institute of
Science and Technology, Moscow, Russia
*Prediction of metal-organic frameworks using USPEX evolutionary
algorithm, Supervisors - Bushlanov P., Oganov A.R.*

Workshops and Conferences

09.2022 Online VASP workshop "Moving ions with VASP"
04.2022 XIV International Scientific and Practical Conference "Education
and Science for Sustainable Development"

Skills

Scientific Packages VASP, FHI-aims, USPEX, Pymatgen, VESTA
Programming Python, MATLAB

Research Interests

Topology-based metal-organic frameworks prediction with evolutionary algorithm;
combination of net topologies for new nets creation, using density-functional theory for new
materials discovery.