Vorobev Dmitrii

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Education

AESC (Kolmogorov) MSU, Moscow
Boarding school — 2018-2019

National Research University Higher School of Economics, Moscow
B.Sc. at Faculty of physics, GPA: **9.64/10** — 2019–2023 (expected)

Russian Academy of Sciences Landau Institute for Theoretical Physics, Chernogolovka
Attending basic department. — 2021–2023 (expected)

Employment

- Laborant, IZMIRAN — Feb 2022 – present
- Laborant, Landau ITP — Dec 2022 – present
- Software Developer, DriveCast — Jun 2022 – present
- Software Developer, Amvera — Sep 2022 – present
- Teaching Assistant, HSE
  - Mathematical Physics — Jan 2022 – Jun 2022
- Physics Teacher — Jun 2021

Conferences

- XVII annual conference "Plasma physics in Solar system"at Space Research Institute. Automatic detection of solar magnetic tornadoes based on computer vision methods; Vorobev D. L., Blumenau M. I., Khabarova O. V., Obridko V. N
- EGU22, Automatic detection of solar magnetic tornadoes based on computer vision methods; Vorobev D. L., Blumenau M. I., Khabarova O. V., Obridko V. N.; (EGU22-11501)
- COSPAR-2022, Automatic detection of solar magnetic tornadoes based on computer vision methods; Vorobev D. L., Blumenau M. I., Khabarova O.V., Obridko V. N.; (30155)
- Voronovo-2022. Poster session. Automatic detection of solar magnetic tornadoes based on computer vision methods; Vorobev D. L., Blumenau M. I., Khabarova O.V., Obridko V. N.;

Technical Skills and Languages

- *Programming Languages*: Python, Mathematica, C++, LabVIEW
- *Technical Software*: Git, LaTeX, UNIX systems
- *Languages*: Russian (Native speaker), English (TOEFL 108)

Achievements and Acitivities

- **Theoretical minimum at Landau ITP**
  - Mathematics I, 2020, to Alexey Ioselevich
  - Quantum Mechanics I, 2022, to Mikhail Feigelman
- **International Theoretical Physics Olympiad**, 2020, 2021, participant
- **International Data Analysis Olympiad**
  - 2020, participant
  - 2021, prize winner (2nd place)
- **Theoretical Physics Research Practicum** (organaized by Leonid Levitov of MIT)
  - Classical Hamiltonian Annealing, led by Anatoli Polkovnikov — Aug 2020
  - Error Correcting Codes, led by Anatoly Dymarsky — Aug 2021 – Feb 2022
  - S-Matrix Bootstrap, led by Alexander Zhiboedov — Aug 2022
- International Physicists Tournament. Team member. 3rd degree diploma, 2020
- Competitive Programming events
- High school level olympiads
  - Moscow State Olympiad for High school students, Physics; Prize winner
  - MIPT's Olympiad; Math; Winner
  - MIPT's Olympiad; Physics; Prize winner
  - Russian State Regional Olympiad; Physics, Math, Chemistry (separately); Prize winner