Alexander Mayorov

Education

09/15 – 06/20 | **University of Cambridge**
- B.A. (Hons) in Natural Sciences
- progressive specialization in theoretical chemistry
- 1st class degree, top-3 out of 109 students

09/21 – present | **Higher School of Economics (HSE)**
- M.Sc. in Data Sciences

09/21 – present | **Yandex School of Data Analysis (YSDA / ШАД)**

Awards

06/17 – 06/19 | **Senior Scholarship at Trinity College, Cambridge**

08/2015 | **Silver medal from International Chemistry Olympiad, U.K. team**

2013-2015 | **Gold medals from U.K. National Olympiads**
- top-2 in Chemistry, top-20 in Biology

Work & Research

01-04/21 | **Intern at Sberbank of Russia**
- software engineering

06-09/18 | **Intern at University of Oxford (Benjamin Group)**
- developing algorithms for quantum simulation of molecular vibrations
- publication: doi.org/10.1039/C9SC01313J

06-09/17 | **Intern at EPFL (Dal Peraro Group)**
- investigating functional constrains on enzymatic evolution
- publication: doi.org/10.1093/molbev/msz096

06-10/16 | **iGEM, Cambridge-JIC team**
- international biotechnology competition hosted by MIT
- created a toolbox for chloroplast genetic engineering
- received a team gold medal and a Best Plant Synthetic Biology prize

Interests

always | **MOOCs and self-education**
- over 20 completed courses on topics ranging from Machine Learning to Algorithms, Game Theory, Classical Music, Investing (see list)

03/18 | **Gap Summit 2018, University of Cambridge**
- among 100 invited participants ("Leaders of Tomorrow") to the international biotechnology summit

09/16-01/18 | **Triple Helix Society, University of Cambridge**
- organizer of panel discussions involving politicians, scientists and journalists to discuss the most pressing scientific topics of the day (such as, replicability crisis, populating aging)

06-09/17 | **United Nations COP-13 Conference on Biodiversity**
- representative of "Youth Biotech" NGO and PRRI

24 years old
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Python ●●●●●
Java ●●●●○
C / Unix ●●●●○
ML / DA ●●●●○
Chemistry ●●●●●
Math / CS ●●●●○
Biochemistry ●●●●○

Ru C2
En C2
Fr C1
De B1
Ja A2