

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
- 09/19 – present **École 42 (Moscow Campus)**
- CS, software engineering

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
 - doi.org/10.1039/C9SC01313J
- 06-09/17 **Intern at EPFL (Dal Peraro Group)**
- investigating functional constraints on enzymatic evolution
 - 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 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](#))
 - workera.ai certified Machine Learning Engineer
- 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



23 years old

mayorovme@gmail.com

+7 (925) 134-59-13

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

Ru	C2
En	C2
Fr	C1
De	B1
Ja	A2