

Alexander Mayorov

Education

09/15 – 06/20

University of Cambridge

- B.A. (Hons) in Natural Sciences
- progressive specialization in theoretical chemistry
- First-Class Honours degree

09/22 – 05/25

Yandex School of Data Analysis (YSDA / ШАД)

- data analysis, machine learning, advanced algorithms, information theory, concrete maths, game theory, applied linear algebra, statistical methods, generative models

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

07/22 – 12/22

Intern at Yandex.Medialab

- ML-researcher at Yandex Music

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 constraints 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 and scientists

06-09/17

United Nations COP-13 Conference on Biodiversity

- representative of "Youth Biotech" NGO and PRRI



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Python ●●●●●

Java ●●●●○

C / Unix ●●●●○

ML / DA ●●●●○

Chemistry ●●●●●

Math / CS ●●●●○

Biochemistry ●●●●○

Runative

En C2

Fr C1

De B1

He B1