# 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 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 and scientists

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

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**26 years old**

mayorovme@gmail.com

**+7 (925) 134-59-13**

| Skill | Level |
|---|---|
| Python | ●●●●● |
| Java | ●●●●○ |
| C / Unix | ●●●●○ |
| ML / DA | ●●●●○ |
| Chemistry | ●●●●● |
| Math / CS | ●●●●○ |
| Biochemistry | ●●●●○ |

| Language | Level |
|---|---|
| Ru | native |
| En | C2 |
| Fr | C1 |
| De | B1 |
| He | B1 |