Artem Makoyan

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EDUCATION

Higher School of Economics, Moscow, Russia   2019-2023
Faculty of Computer Science, Applied Mathematics and Information Science, Bachelor
<u>Relevant courses</u> :
- Algorithms and Data Structures
- C++ programming
- Calculus
- Discrete mathematics
- Linear algebra
- Algebra
- Probability theory

EXPERIENCE

- **Intern in Software Architecture Improvement, Huawei**   Aug 2020-Oct 2020
  – Testing framework on C using Command and Mediator patterns
  – Testing code via Octave implementation and unit tests (Catch2 library)
  – Simplifying business logic using patterns
- **Teacher in Educational Center Sirius**   Oct 2019
  Explaining algorithms and C++ code style
- **Teacher in Summer School of Computer Sciences A' parallel**   Aug 2019
  Explaining algorithms and C++ code style
- **Teacher in Summer School of Computer Sciences B' parallel**   Aug 2018
  Explaining algorithms and C++ code style

PROJECTS

- **Telegram poll bot** [link]
  Telegram bot on python using telebot. Allows to create and pass a poll that supports images, videos, files and voice messages.
- **Automatic computer activity monitoring** (in process)
  Windows application allowing automatic employee performance monitoring and analysing on C++ using grpc and protobuf for data transfer.

COMPETITIONS

- Top 350 (top 0.8%) in Google Code Jam, Round C   June 2020
- Top 50 in Google Kick Start, Round C   May 2020
- Top 8% in Google Hash Code   Feb 2020
- Award in All-Russian Olympiad in programming (top 16%)   Apr 2018, 2019
- Award in All-Russian Olympiad in maths (top 7%)   Apr 2018, 2019
- 1st degree Award in International mathematical Olympiad
  Tournament of Towns   Mar 2019
- 1st degree Award in XIX All-Russian Team Olympiad in programming   Dec 2018
- Award in XII Open School Olympiad in programming   Mar 2018

EXTRA EDUCATION

- School of Data Analysis - Data Science program   Sep 2020 - May 2022
- Moscow Workshops Juniors (MIPT)   Mar 2018
- Informatics Winter Camp (Innopolis university)   Feb 2017, 2018
- Summer School of Computer Sciences (HSE)   Aug 2016, 2017
- Summer Multidisciplinary School (Maths section)   Jul 2015-2018
- Educational Center "Sirius"   May 2016, Sep 2017, June 2018

TECHNICAL SKILLS

Languages : C++, Python, C, Octave
Familiar : SQLite, Bash, json
Other : Git, Linux, Windows
General : Data Structures, Algorithms, Object Oriented Programming, Patterns