

DANIYAR AUBEKEROV

Mathematician & Computer Scientist

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daniyardake



EDUCATION

B.S. in Mathematics B.S. in Computer Science

Suffolk University, Boston, MA

January 2020 – May 2021 (Expected) CGPA: 3.9

A.S. in Computer Science

Bunker Hill Community College, Charlestown, MA

September 2018 – December 2019 CGPA: 3.9

EXPERIENCE

Founder & Team Lead at MathForces.com

March 2020 - Present

- MathForces is a platform for people who love math. The website was built during COVID19 "crisis" with the hope that people all around the world will have access to the math training even during the pandemic. The website features math contests and math problems for people of all levels and ages. MathForces is currently on a beta-testing stage.
- Languages used: Python, HTML5, CSS3, JavaScript
- Technologies applied: Django, Rest API, React, Bootstrap, PostgreSQL, Latex Parser
- Linux setup: Nginx, Unicorn

Co-Founder and Team Lead at GoBoston

September 2019 – Present

- GoBoston is a company that allows high school students from Kazakhstan to participate in programming and mathematical competitions all around the world.
- With my mentorship, our students won CodeDay New York competition with the CheckApp application, that diagnoses diseases based on symptoms provided.
- With our help almost 100 students won multiple competitions and as a result, got into top colleges in the world.

Founder of Solve.kz - Online School (Acquired)

January 2018 – January 2020

- Developed online school using HTML, CSS, JavaScript, Python, and SQL programming languages.
- Collaborated with trainers in development of digital learning classrooms, lessons, and assignments for building global teams.

ACHIEVEMENTS

- PUTNAM 2019 - Top 5 %
- Final Round of Kazakhstan Math Olympiad - Silver Medal
- Balkan Mathematical Olympiad - Silver Medal
- International Zhautykov Olympiad - Silver Medal
- Asian-Pacific Math Olympiad - Bronze Medal
- Euclid Mathematical Olympiad - Top 1 %

SKILLS

Python

C/C++/C

Java

HTML/CSS/JavaScript/Bootstrap

MySQL/PostgreSQL/SQLite

Django

ASP.Net

Flask

Ubuntu

Nginx/Gunicorn

NumPy/Pandas/SciPy/PyTorch

Web Development

Mathematics

Combinatorics

Graph Theory

Number Theory

Linear Algebra

Computational Geometry

FIELD OF INTEREST

- Software Engineering
- Quantitative Analysis
- Data Science

COURSES

- Data Structures
- Calculus I-III
- Advanced Java Programming
- C++ Programming
- Android Development
- Intro to Data Science
- Linear Algebra
- Differential Equations
- Discrete Mathematics II
- Problem Solving Seminar

EXTRA-CURRICULAR

Table Tennis

USATT 1500 Rating

2015–Present

Chess

2nd category, 1520 Fide rating

Aug 2019 – Present