

SANZHAR BIDAIBEK

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EDUCATION

Hong Kong University of Science and Technology

Hong Kong

- *BSc in Computer Science, BSc in Pure Mathematics (Advanced)*

September 2018 – Expected May 2022

GPA: 3.7/4.3, Dean's List, Admission Scholarship

WORK EXPERIENCE

• Yandex LLC

Moscow, Russia

Software Engineering Intern

Jun 2019 - Sep 2019

- **Project:** Developed cross-platform scalable platform that controls the execution of the code on Yandex's sandbox and MapReduce servers
- **Role:** Implemented and refactored core functions of the project including runtime logic and workflow services
- **Achieved:** The system has been successfully deployed and currently manages all tasks on the inner servers
- **Technologies used:** Python, C++, gRPC, Protocol buffers
- **Additional project:** Built an automated approval system for importing third-party libraries into Yandex's repo

PERSONAL PROJECTS

• Kazakhstan IOI team

Kazakhstan

National Team Coach

December 2018 - Present

- Preparing top high-school students in the country for the most prestigious computer science competition in the world
- Lectured to national team candidates on advanced algorithms, efficient C++, discrete mathematics and probability
- Authored competitive programming problems for venues with more than 300 contestants

• “Sis.agar”

January 2016

- **Project:** Developed a portable multiplayer online game in 2 days
- **Achieved:** Designed and implemented the engine, network protocol and graphics using Python and OpenGL

• Competitive Programming

- Mind sport about quickly solving programming problems. 2000+ solved problems, 300+ practice contests
- Codeforces: /sancho (Max Rating: 2248 - Top 1%)
- Hackerrank: @sanchoman (Max Rating: 2615 - Top 0.1%)

ACHIEVEMENTS

• ACM International Collegiate Programming Contest Semifinals

November 2018

- Seoul, South Korea: Top 12/96 among teams of South Korean Region
- Hong Kong: Bronze Medal

• International Olympiad in Informatics

2016, 2017, 2018

- Kazan, Russia: Silver Medal, top 82% percentile
- Tehran, Iran: Bronze Medal
- Tsukuba, Japan: Bronze Medal

• Kazakhstan National Olympiad [Computer Science]

2015, 2016, 2017, 2018

- Four times winner of the national scientific competition. The best result among all scientific subjects in 2018

• All-Russian Team Olympiad in Programming

December 2016

#1 out of 204 teams on the onsite final

- Won the grand-prix of an international contest imitating ICPC rules for Russian speaking high-school students

SKILLSET

Programming Languages Relevant Coursework

C++, Python, Java

OOP(H), Discrete Math(H), Real Analysis(H), Linear Algebra(H), Machine learning, Computer Architecture, Statistics, Multivariable calculus, Fundamentals of Finance