Sagynbek Talgatuly

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Education and Academics

New York University Abu Dhabi   *Expected May 2024*
Bachelor of Science, double major in Computer Science and Mathematics   *GPA : 4.0/4.0*
- Courses : Computer Programming for Engineers (C++), Calculus with applications in Engineering, Multivariable Calculus, Discrete Mathematics, Data Structures (C++), Language of Computers (Python).

Nazarbayev Intellectual School   *Sep 2015 – May 2020*
A-level education in Computer Science, Mathematics, and Physics.   *GPA : 5.0/5.0*
- Co-Founder of Design Thinking Club.
- Member of Mathematics Olympiad Team, MUN, UNESCO, STEM Club.

Projects

Authorization/Registration system   *May 2021 – May 2021*
- *a website that allows the user to register and authorize to the system and go onto the main page.*
  - *Developed using HTML, CSS3 (Bootstrap), PHP.*
  - *Users' data is stored in a database and used for authorization.*

Task manager   *June 2021 –June 2021*
- *a website that allows the user to have tasks listed.*
  - *Backend is developed using PHP.*
  - *The tasks can be deleted, edited, added in the system. All the data is stored in a database.*

Snake   *June 2021 –June 2021*
- *a well-known snake game that can run on a browser developed using JavaScript language.*
  - *Developed along with object-oriented programming principles.*

Other Projects (C++)
   Smart Walking Cane, AR Playing Cards (C#), Image Steganography, Traffic Lights simulator, Movie Theater management system, Virtual Filesystem, Electromyography signal analysis (MATLAB), Pill Reminder (Android Studio (Java)), Covid19 Data Analysis (Python).

Activities

Competitive Programming
- *Solve LeetCode problems in a daily basis*
- *Actively participate in programming contests (CodeForces)*

SLIP (Semester-Long Intensive Project)
- *Developing a social app/website that allows University students to exchange/donate campus money*

Achievements

- 3rd place at IX Leonard Euler International Mathematical Olympiad   *Mar 2017*
- Silver Medal at Republican stage of World Robotics Olympiad 2017   *July 2017*
- 3rd place at International Iranian Geometry Olympiad   *Sep 2019*
- Silver Medal at XXXII Asian-Pacific Mathematical Olympiad (Kazakhstan)   *Apr 2020*
- 1st place at Republican Science Fair (Engineering Section)   *Feb 2020*
- Winner of over twenty regional, republican Math and Robotics Olympiads.   *Sep 2015 – May 2020*
- New York University Full-Tuition Scholarship (5% acceptance rate)   *Sep 2020 – May 2024*

Technical Skills

Programming Languages: PHP, JS, SQL, HTML/CSS, C++, Python, Java, MATLAB.
Tools/Frameworks: Laravel, jQuery, Bootstrap, Git, DS & Algorithms

Other

Languages: Kazakh, English, Russian.
Hobbies: Volleyball, Swimming, Dombyra, Chess, Sudoku.