

SHYNGYS KARISHEV

◇ Nur-Sultan, Kazakhstan

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EDUCATION

New York University Abu Dhabi

2020 - Expected 2024

B.S in Computer Science and Interactive Media

GPA: 3.63

Relevant Coursework: Algorithms, Data Structures, Computer Systems Organization

Kazakh-Turkish Lyceum for gifted boys

2015 - 2019

Leader and Creator of Volunteering Club, Teacher of Mathematics Club

GPA: 4.0 4.0

PROJECTS

Virtual Filesystem

C++/Vector/Queue/Stack/Tree/OOP/Linux/Sorting algorithms

- Implemented a user-friendly, private file system in C++ utilizing the principles of object-oriented programming
- Designed an ability to read, write and modify files using Linux commands

Processing Games

C++/Java/Python/Arduino/Processing/OOP

- Developed 3 games from scratch using Processing IDE: Doodle Jump, Piano Tiles, Space Invasion
- Made an Arduino controller for the Piano Tiles game, two sided connection between Arduino and Processing
- Implemented collision theory along with the draw loop to give the illusion of user's constant mobility through the levels.

Interactive Websites

JavaScript/HTML/CSS/Jquery/Photoshop/Audacity

- 4 Websites were made as projects for Communications Lab course
- Each of the projects incorporated a style of interactivity: web-video, web-comics, web-sound

EXTRA-CURRICULAR ACTIVITIES

- **ICPC team** - Team member, participating in ICPC. *Jun 2021 - Present*
- **Adal Volunteers Club** - Chairman of one of the biggest volunteering organizations in Kazakhstan, coordinated 20+ events *June 2018 - Aug 2020*

AWARDS

Republican Mathematics Olympiad in Kazakhstan 2017 - Top 9 among 100+ participants

International Zhautykov Olympiad in Mathematics 2019 - Bronze Medalist among 100+ participants

Republican Mathematics Olympiad in Kazakhstan 2018 - Bronze Medalist among 100+ participants

SKILLS

Programming Languages

Python, C, C++, HTML/CSS, JavaScript, Java, Dart

Frameworks/Tool

Git, Flutter