

# MESTAY MURZABAYEV

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📍 Kazakhstan (available for relocation)

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in jagdinsky

🔗 jagdinsky

## EXPERIENCE

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### Summer Academic Practice

**Lomonosov Moscow State University, Kazakhstan Branch**

📅 June 2019 – July 2019 📍 Nur-Sultan, Kazakhstan

Solving problems related to graphs, dynamic programming and greedy algorithms.

### Tech Assistant Intern

**ERG Kazakhstan**

📅 July 2021 – August 2021 📍 Rudny, Kazakhstan

Technical support and setup of computers and software.

## EDUCATION

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Applied Mathematics and Computer Science, B.Sc.

**Lomonosov Moscow State University, Kazakhstan Branch**

📅 September 2018 – July 2022

📍 Nur-Sultan, Kazakhstan / Moscow, Russia

GPA: 4.3 / 5.0.

Mathematics: Discrete Mathematics, Complex Analysis, Algebra and Geometry, Differential Equations, Probability Theory, etc.

Computer Science: Algorithms and Algorithmic Languages, Computer Architecture, Operating Systems, Object-Oriented Programming, Functional Programming, etc.

Extra-Curricular:

**C++ Programming Stepik Online Course** is dedicated to the syntax of C++, Standard Template Library and OOP paradigm.

**Introduction to Machine Learning (Moscow State University Elective Course)** covers general ML ideas, algorithms and practical tools such as NumPy, Scikit-learn, Matplotlib, Pandas.

## LANGUAGES

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English Advanced (IELTS 7.5)

Russian Native

Kazakh Native

## SKILLS

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- C programming language (C POSIX library, system calls, multiprocessing, pipes, sockets).
- C++ programming language (object-oriented programming, STL).
- Assembly Language (NASM).
- Linux, Shell script, cmake, GIT, Atom editor.
- Python (Jupyter, TelegramBotAPI, NumPy, SciPy, Matplotlib, Scikit-learn).
- Functional programming with Scheme (Racket) and Haskell.

## PROJECTS

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Labirinth 2d-game C++, glfw [https://github.com/jagdinsky/labirinth\\_game](https://github.com/jagdinsky/labirinth_game)

2048 game C++, glfw [github.com/jagdinsky/2048](https://github.com/jagdinsky/2048)

Interpreter of author programming language C++ [github.com/jagdinsky/interpreter](https://github.com/jagdinsky/interpreter)

k-means clustering implementation Python, NumPy, Matplotlib [github.com/jagdinsky/kmeans](https://github.com/jagdinsky/kmeans)

Internet chatroom C [github.com/jagdinsky/chatroom](https://github.com/jagdinsky/chatroom)

Shell terminal emulator C [github.com/jagdinsky/shell](https://github.com/jagdinsky/shell)