

Aliia Khasanova

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EDUCATION

Higher School of Economics

BS in Applied Mathematics and Computer Science GPA: 8.94/10.0, top 10%. Graduated with honours

Moscow, Russia

2017 - 2021

Yandex school of data analysis

Advanced Python course

Advanced C++ course

Moscow, Russia

Sept 2020 - Dec 2020

Sept 2019 - June 2020

GHC 2019

Conference designed to bring the research and career interests of women in computing to the forefront

Orlando, USA

Sept 2019

TECH STACK

Programming

C++, C, Python, bash, x86 asm, L^AT_EX, basics of Go, JavaScript, PostgreSQL

Applications

Docker, git, protobuf, Grafana, regexp, concurrency, nginx, terraform, flask, basics of Hadoop and Hive

Machine Learning

Pytorch, NumPy, SciPy, matplotlib, pandas, basics of CV

EXPERIENCE

Yandex

Software Engineer

Moscow, Russia

April 2021 - Now

- Delivery team. Built a new pricing service for delivery from scratch with a team. It was in a start-up mode as the demand rapidly grew during the pandemic.

Higher School of Economics

Teacher assistant in Advanced C++ course

Moscow, Russia

Sept 2021 - Now

- Conducted practical seminars for students, came up with homework tasks.

Google

Software Engineer Intern

Remote

July 2020 - Oct 2020

- Geo Search team. Implemented a new way of processing address components in the user query, using country dependent patterns.

Google

Site Reliability Engineering Intern

Dublin, Ireland

July 2019 - Sept 2019

- Access team. Developed a product for authentication third-party applications, created and tested for Unix and Windows OS.

Laboratory of Bioinformatics, Faculty of Computer Science

Research Intern

Moscow, Russia

Sept 2019 - June 2020

- Investigated approaches to annotating different secondary structures in genome of living organisms. Wrote a paper.

PROJECTS

Protobuf guided static field stripping and profiling

<https://github.com/khasanovaa/protobuf>

Bachelor thesis

Oct 2020 - June 2021

- Optimized protoc compiler. Google Search Shard performance improvement 0.64%. Accepted by Google.

G4 annotation in drosophila genome

<https://github.com/khasanovaa/G4-annotation-with-deep-learning>

Individual project in Laboratory of Bioinformatics

Oct 2019 - June 2020

- Created annotation of G-quadruplex in drosophila genome dm-6 using deep learning methods.

Neural Network Composes Music

<https://github.com/khasanovaa/Sonia>

Individual project

Nov 2018 - Mar 2019

- Implemented Neural Network that composes music, LSTM-based Recurrent Network model.

ACHIEVEMENTS

Silver medal in all-Russian CS competition of Higher School of Economics

2020, 2021

University scholarship for good study results

Sept 2017 - Feb 2020

Alpha-Chance Scholarship for talented youth

Sept 2017 - Aug 2019

Gold medal in all-Russian math competition of Higher School of Economics

April 2017

Gold medal in all-Russian math competition "Rosatom"

April 2017

Russian Federation gold medal award for the excellent achievements in studies

June 2017

MLH "Start HACK" hackathon, 4th place

Feb 2018

1st place in Russian Mathematical Team Competition

Oct 2014

PERSONAL

Upper-intermediate English. Fluent Russian, Tatar. Graduated from the music school twice. Basketball player.