

Alexandra Latysheva

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EXPERIENCE

IMPROVEMENT OF QUORUM INSERTS IN CLICKHOUSE | PROJECT AT C++

NATIONAL RESEARCH UNIVERSITY THE HIGHER SCHOOL OF ECONOMICS

October 2019 - May 2020

Add functionality to ClickHouse, an open-source column-oriented DBMS.

SOFTWARE DEVELOPER | YANDEX

October 2019 - present

C++ and Python developer.

SOFTWARE ENGINEERING SUMMER INTERNSHIP | INTERNSHIP, YANDEX

July 2019 - September 2019

I did a project at Python used Django, MongoDB. I also used JavaScript and YQL.

CAPTCHA RECOGNITION | PROJECT

November 2018 - March 2019

Make script to recognition captcha by photo. In this project I used neural networks and Python libraries.

INTRODUCTION TO COMPUTER VISION | SUMMER PRACTISE

July 2018 - August 2018

The task was to make three tasks on Python:

- cluster alignment: the method of color photography used by Prokudin-Gorsky. From one camera-roll with three black-and-white photographs with match red, green and blue colors combined one color photograph.
- Remove elements by the mask, ex. people who accidentally was in the frame. Also realize photo constriction and expansion.
- Classification of road signs using Support Vector Machine and Histograms of Oriented Gradients.

HACKATHON | TRANSPARENCY INTERNATIONAL - RUSSIA AND HSE LABORATORY FOR ANTI-CORRUPTION POLICY

February 23-24, 2018

Our command decided to make Telegram-bot which can

- give information about name and position by the photo or by the name and, if necessary, give more information about profits and declarations.
- allow administrators to add photos.

ANOTHER EXPERIENCE

- Algorithms and Data Structures-1,2 course assistant at university.
- Discrete math course assistant at university.
- When I was at school I participated in mathematical and linguistic olympiads.
 - 11th International Zhautykov Olympiad - bronze medal
 - 12th International Zhautykov Olympiad - silver medal
 - All-Siberian School Olympiad from NSU - absolute winner, 1st degree diploma.
 - Participant of the International Olympiad in Linguistics, 2016



EDUCATION

NATIONAL RESEARCH UNIVERSITY THE HIGHER SCHOOL OF ECONOMICS

FACULTY OF COMPUTER SCIENCE | APPLIED MATHEMATICS AND INFORMATION SCIENCE

Expected June 2021 | Russia, Moscow

Studied the course Introduction to Programming for assessment A+ and A, the course Algorithms and Data Structures-1 and the course Algorithms and Data Structures-2 at A+, the course Computer Architecture and Operating Systems at A+. Now I'm interested in parallel and distributed computing, cloud computing. I also study machine learning.

SKILLS

PROGRAMMING

C++ • C • ASM • Python

Base: SQL/YQL • MongoDB • Javascript • GO • Machine learning

SPOKEN & WRITTEN

Russian, English, Kazakh