

KONDRATIEV ZAKHAR

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📍 Moscow, Russia

🐙 zakoden

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WORK EXPERIENCE

Assistant-engineer

Huawei

📅 July 2020 – September 2020

📍 Remote

- Researched algorithms for data serialization
- Implemented my own version of algorithm and compared it with analogues
- Worked with technologies like Google Test and Google Protobuf

PROJECTS

Chat-bot for customer's mood improvement

University team project

📅 November 2020 – Present

- Studied Natural Language Processing algorithms
- Implemented custom sampler to improve training quality and fine-tuned BERT model
- The models intended for Persona-Chat have been adapted into Russian and trained on similar dataset
- Technologies used: Pytorch, Transformers, Datasets

Real time strategy game

Pet project

📅 July 2020 – Present

🐙 zakoden/RTS-game

- Made without game engines, only SDL library for graphics
- Implemented 20+ classes for basic game features

Template metaprogramming, C++

Educational projects

📅 Autumn 2020

🐙 zakoden/meta_prog

- Some TypeList functions
- Compile-time custom class hierarchy generation
- Graph library with realization of several design patterns

SKILLS

Python

2 years of experience, ML/DL/university tasks

C++

3 year of experience, projects, olympiads

C, Assembler

1 year of experience, university course, training projects

Pascal, Delphi

4 years of experience, training projects, olympiads

Algorithms and Data Structures

Machine learning

NLP

Git

LaTeX

Linux

Bash

Docker

EDUCATION

Bachelor in Applied Mathematics and Computer Science

Higher School of Economics, Moscow Faculty of Computer Science

📅 September 2019 - Expected June 2023

Current GPA: 8.91

ADDITIONAL EDUCATION

Tinkoff Generation DL course

📅 Autumn 2020

📍 Remote

Tinkoff Generation ML course

📅 Winter 2020

📍 Tinkoff, Moscow

Summer Informatics School

Studied algorithms and data structures

📅 July 2018

📍 Kostroma Oblast

Educational program, Sirius

Program in mathematics and computer science

📅 May 2018

📍 Sochi

ACHIEVEMENTS



2019 Russian National Olympiad in Informatics, diploma (Final)



2019 Russian National Olympiad in Mathematics, participant (Final)



5 diplomas of olympiads in informatics (All-russian olympiads)



3 diplomas of olympiads in mathematics (All-russian olympiads)

LANGUAGES

Russian
English

Native
Intermediate