

EDUCATION

ITMO University

Computer Technologies department, GPA: 3.00-4.00

St. Petersburg

2018–present

- Best result in: machine learning, frontend development, algorithms and data structures, mathematical analysis

RELEVANT EXPERIENCE

• ITMO University

Autumn semesters 2020 and 2021

Mentor of Operating Systems course (practice)

• Academy of Informatics (ITMO University)

September 2019 – April 2020

Teaching Assistant of additional educational courses for pupils

- Python language (grammar school level)
- C++ language (high school level)

• LKSH (Summer Computer School)

July 2019

Junior Teacher of additional educational courses for high school pupils (B' level)

- data structures
- algorithms

PROJECTS

See more projects at:

github.com/phoenix-1202

• Parser generator

Generation of lexer & parser classes by given grammar

- supported LL(1) grammars
- supported synthesized and inherited attributes
- used technologies: Java 15, ANTLR library

• Simple market's database

The web-service for working with database

- supported some SQL requests (add, show, etc.)
- the result is shown in .html format
- used technologies: Java 17, JUnit, SQL

• My bachelor's diploma

Generation the advertisements using machine learning

- included LayoutGAN implementation for advertisement layout
- extracting keywords from a slogan
- used technologies: Python 3.9, PyTorch, KeyBERT

SKILLS

- **Languages:** Python, C++, Java
- **Familiar tools:** HTML & CSS, Javascript, Kotlin, PostgreSQL, Bash
- **Professional skills:** machine learning, backend & frontend development
- **Other skills:** Teaching, interpersonal and communicative experiences; hardworking; analytical

LANGUAGES

- **Russian:** native
- **English:** B2