

Alexandra Maliutina

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EDUCATION

NRU HSE

Moscow, Russia

BA in Applied Mathematics And Informatics GPA: 7.33/10.0

Expected Graduation: June 2024

EXPERIENCE

Yandex

Moscow, Russia

Software Engineer Intern

Nov 2021 – Jan 2022

- Worked on ORM abstraction layer over distributed database

PROJECTS

Binary Tree Visualizer

Nov 2022 – Dec 2022

- Desktop application allowing to see animated execution of requests to data structures
- Technologies used: C++, CMake, Qt6

Visit Card

Dec 2022

- Static web page resume
- HTML+CSS
- Hosted on GitHub pages

Linked List

June 2022

- Library that implements classic data structure
- Written in Rust

Tic Tac Toe

Oct 2022

- Implementation of famous game with console user interface
- Written in Python3
- Applied unittest library

Lisp Interpreter

Oct 2021

- Simplified Scheme
- Technologies used: C++/STL

Golang microservice

Sep 2022 – Oct 2022

- Authorizes users
- REST API
- Technologies used: Golang/HTTP/JWT

Hash Table

March 2020

- Implementation of classic data structure
- C++/STL

ADDITIONAL

- Relevant Coursework: Discrete Mathematics, Algorithms and Data Structures, Modern Software Engineering Practices, Computer Architecture and Operating Systems, Machine Learning, Introduction to Deep Learning, Developing Microservices with Golang
- Programming Languages: C++, C, Python, Golang, Haskell (basic knowledge)
- Skills: English Language, Docker, numpy, pandas, sklearn, Algorithms and Data Structures