

Surikov Alexandr

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NUST MISIS'24

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EDUCATION

- **NUST MISIS** Moscow, Russia
Bachelor in Computer science; GPA: 4.5 *2020 - Current*
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Networking, Databases, Statistics, Object-Oriented Programming, Client-Server Application Development

SKILLS SUMMARY

- **Languages:** C++, Python, C#, SQL, Bash
- **Frameworks:** QT, WPF
- **Tools:** GIT, SVN, PostgreSQL, MySQL, SQLite, L^AT_EX, Doxygen
- **Platforms:** Linux, Web, Windows
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management
- **Speaking:** English (C1), Russian (Native)
- **Extra skills:** Kotlin Basics, high motivation and ability to find information and work with documentation. Basic skills of network science: university experience with Cisco and Huawei equipment. Creating a local network and checking protocols TCP/IP, UDP, SSH, HTTP. Experienced user at MS Office (Word, Excel, PowerPoint)

EXPERIENCE

- **Sber School 21** 1 Year 3 Month
C developer / UNIX administrator *February 2020 - May 2021*
 - **C Trainee:** Knowledge of basic data structures – arrays, lists, trees, hash tables. Rewriting libraries like math.h. Working on team project. Teamwork skills with Git like resolving conflicts, work with different branches, ability to view the commit log and navigate through it
 - **UNIX Navigation:** Deploying App's code into UNIX platform. Good BASH knowledge. Experience in configuring and maintaining DBMS (MYSQL, PostgreSQL)
- **Dataframe** 1 year 1 month
ETL Developer *September 2021 - October 2022*
 - **DWH Management:** Making analytical cubes for Ad-hoc analytics. Working with tasks for the development of ETL processes. Provide analytical support to developers and acceptance testing. Making history of products in databases
 - **BI analysis:** Design cubes and reports in OracleBI. Conduct demonstrations of new functionality
 - **Data Marts Management:** Query optimization, query plan analysis, working with indexes. Writing stored procedures, functions, complex queries

PROJECTS

- Application for testing the level of the student. Mechanics "Who wants to be a millionaire". Used **C++** and **Doxygen** for documentation.
- Front-End App (Jmurov Test) in the form of a test on a web page. Accepts the user's responses and based on them gives a result about possible depression state. Implemented **Sber's voice assistant** and moderated in Sbermarket. Works on **ReactJS**, **TypeScript**, **CSS**, **HTML**.
- Back-End App (Jmurov Test) that works on **NodeJS**. Has interaction with **Sber API**. Implemented cloud storage of data on **Heroku** and forwarding of answers to **Sber Assistant**.

CERTIFICATES

- Fundamentals of Statistics - Bioinformatics Institute
- Introduction to Databases - Higher School of Economics
- Interactive SQL Trainer - Far Eastern Federal University
- Python: Basics and Applications - Bioinformatics Institute
- Programming in Python - Bioinformatics Institute

HONORS AND AWARDS

- The winner of the Olympiad in Computer Science - the Granite of Science - April, 2020
- Awardee at the DemHack Hackathon - September, 2021
- Awardee at the NLMK Process Optimization Case Championship "Resolve" - May, 2022