

Marsel Akhmetov

marsel.ahmetov974@gmail.com | +79373537792 | [linkedin/mokaruuns](https://www.linkedin.com/in/mokaruuns) | [github/mokaruuns](https://github.com/mokaruuns) | t.me/mokaruuns

EDUCATION

Applied Mathematics and Computer Science

Saint-Petersburg | Sept 2019 - Present

SAINT-PETERSBURG NATIONAL RESEARCH UNIVERSITY OF INFORMATION TECHNOLOGIES, MECHANICS AND OPTICS (ITMO)

PROJECTS

C/C++ LAB

C/C++

This work consisted of four labs:

1. Implementation of the translation of the encoding from the automatically determined current encoding to the user-specified encoding.
2. Implementation of quicksort without stack overflow.
3. Implementation of the SLAE solution by the Gaussian method.
4. Implementation of long arithmetic with support for multiple functions and operator overloading.

OPTIMIZATION TECHNIQUES LAB

JAVA, PYTHON, MATPLOTLIB

Teamwork of three people. This work consisted of four labs:

1. Implementation of methods for one-dimensional minimization of a function
2. Implementation of two-dimensional function minimization methods
3. Implementation of a direct method for solving SLAEs based on the LU-expansion
4. Implementation of methods for unconstrained minimization of functions of several variables.

GENDER RECOGNITION BY VOICE

PYTHON, SKLEARN, NUMPY, PANDAS, LIBROSA

I trained the model in google colab, because the computing power of servers is much higher than on a stationary machine. To increase the speed of working with data, I uploaded them to google drive.

The main parameter for training the neural network was the average MFCC value.

HARD SKILLS

Languages: Python, Java, C, C++

Technology: Git, LaTeX

Data Science: Pandas, Sklearn, SQL, Matplotlib

SOFT SKILLS

Prioritization: I know how to correctly arrange priority depending on the need for the task, urgency and desire

Communication: I like to communicate with people. Many people think that it's easy to communicate with me.