

+7(918) 788-6065  
Saint Petersburg, Russia  
v.melnikov.388@gmail.com

# Vladimir Melnikov

## Data Scientist / Junior Developer

Portfolio: [github.com/Vovanm88](https://github.com/Vovanm88)

### SKILLS

<b>Tools and Languages</b>	C++, Python, Java, PostgreSQL, JavaScript, PyTorch, Git, $\text{\LaTeX}$
<b>Hard Skills</b>	CV, NLP, Math, C++ STL
<b>Communication</b>	Russian, English B2

### TECHNICAL EXPERIENCE

Independent Machine Learning engineer for one year.

### EDUCATION

<b>Bachelor of Computer Science Engineering</b> , <i>ITMO University</i>	2022-2026
<b>Relevant courses:</b> Algebra, Discrete Math, Game Theory, Graph Theory, Mathematical Analysis (in progress)	

### PROJECTS

#### Optical character recognition of workbooks

Developing of pipeline of OCR for textbook, segmentation than recognition pipeline. (Educational project)

#### News aggregation service

##### Description

A service that will receive news from different sources, summarize them and rank them in order of user interests.

##### Role

Data Scientist, developing of recommendation system based on keywords and sense of text and interests of user

#### Musical recommendation service (in progress)

##### Description

A music service in the form of a telegram bot, into which you can upload your own music, which will recognize music in the existing database (to save space and improve quality), and which will issue playlists in accordance with the preferences of each user

##### Role

Data Scientist, developing of pipeline of recognition melody, genre classification and extracting embeddings for recommendation system

### CONTESTS

Sber "Vklad v budushie" charity foundation hackathon for CV, 22/46	Winter 2022
National Technological Contest, track "AI", finalist	Autumn - Spring 2022
National Technological Contest, track "Unmanned Aerosystems", winner, about 1000 competitors	Spring 2022
"Car Model Verification" hackathon (CV), 69 of 77 teams	Summer 2022
Gasprom Bitum Technologies "Neftecode" hackathon for asphalt polymer research, top 10 of about 20 teams	Autumn 2022
VTB Bank "Moretech" hackathon for recommendational systems, finalist, about 100 teams	Autumn 2022
Polys hackathon for visual ore analysis, top 4 model of 15 teams	Autumn 2022