

GERMAN TARABONDA

+49 1523 1365932 ◊ Bremen, Germany

✉ gethtath@gmail.com ◊ [in](#) [geh4](#) ◊ [kot239](#)

EDUCATION

Constructor University Bremen

Bachelor of Computer Science

Jan 2023 - June 2023

Bremen, Germany

National Research University Higher School of Economics St. Petersburg

Bachelor of Applied Mathematics and Computer Science

Sept 2019 - Jan 2023

St. Petersburg, Russia

Completed relevant courses

- Linear Algebra; Calculus; Discrete Math; Graph theory; Statistics and Probability Theory
- Algorithms and Data Structures; UNIX; Architecture of Computer; Software Design; Machine Learning; Molecular Biology; Parallel Programming; Deep Learning; Digital Signal Processing; Optimizational Methods
- C++; Functional Programming (Haskell); Java

EXPERIENCE

Yandex.Pro | Junior Backend Developer C++

Oct 2021 - May 2022

St. Petersburg, Russia

- Improve the accessibility of support chats in Yandex.Pro app
- Add New Year sounds for drivers
- Improve the loyalty system *skills*: C++, Python, PSQL

Yandex.Lavka | Intern Backend Developer C++

July 2021 - Sept 2021

Moscow, Russia

- Develop the app showcase
- Implement new communications between the app and analysts *skills*: C++, Python, PSQL

PROJECTS

Bioinformatics article

Apr 2021 - Aug 2022

Worked in ITMO Infochemistry Scientific Center. Analyzed nSNP data in proteins using different bioinformatics tools and plotted required data.

XDeepFM

Apr - Jun 2022

Recreated XDeepFM model from [article](#). Team course work. Recreated CIN layer, combined layers and distilled data. Used Python, sklearn and PyTorch.

Molecule converter

Sep 2021 - Jan 2022

Developed program that can convert the picture of molecule structure into SMILES by teaching myself technologies like openCV and NetworkX. Used Python, openCV, NetworkX, TensorFlow.

Life Simulation

Feb 2020 - June 2020

Team project. Developed UI for an utility, which creates a model of an ecosystem. Used C++, QT

ACHIEVEMENTS AND ACTIVITIES

ICPC Northern Eurasia Finals

Dec 2022

49th place out of 250+ teams

Graph theory teaching assistant

Sept 2022 - Jan 2023

Teaching assistant in Higher School of Economics St. Petersburg

SKILLS

Programming languages

C++, C, Python, Java, Haskell

Technical Skills

Git, Bash, L^AT_EX, Matplotlib, NumPy, openCV, sklearn, PyTorch, PSQL

Languages

Russian (native), English (B2), French (B1), German (A1)