Dmitry Sluch

FULLSTACK DEVELOPER

+972 552933032 | dmitrybsluch@gmail.com | github.com/dmitrysluch | linkedin.com/in/sluch-dmitry | t.me/dmitrysluch

I am a fullstack developer whose career started in 2021 in Yandex. I am passionate about distributed and high-load systems, concurrency, databases, computer science and type theory. I am looking for a backend developer position, preferably connected with distributed systems.

Work experience

Yandex.Technologies, LLC   *Moscow, Russia*
Intern Backend Developer   *2021*
I developed and supported microservices written in Python and C++ in the e-commerce team, wrote scripts to be run over the Map-Reduce system. I worked closely with other backend and frontend teams to build a data pipeline for a new product search service.

Higher School of Economics, International Laboratory of Theoretical Informatics   *Moscow, Russia*
Intern Researcher   *2022*
I am conducting research on decision trees and communication complexity (since September 2022, I am not an employee of HSE but I continue research)

Education

Higher School of Economics, Faculty of Computer Science, GPA: 8.3   *Moscow, Russia*
Bachelor of Computer Science, Applied Mathematics and Informatics   *Sept 2019 - Current*
Courses include Advanced Algorithms and Data Structures, Architecture of Computer and Operation Systems, Machine Learning, Deep Learning, Haskell

Yandex School of Data Analysis   *Moscow, Russia*
Further education   *Sept 2021 - Current*
Courses include Distributed Systems, Concurrency, DBMS design, Computer Networks, Machine Learning, Natural Language Processing, Advanced Python, Algorithms in External Memory, Combinatorial Optimization

Technologies

Backend   C, C++, C#, Python, Haskell, PostgreSQL, YTsaurus, Flask, FastAPI, AsyncIO, Nginx
Frontend JavaScript, React, Redux, HTML5, CSS3, SCSS, Pug, Webpack, GULP
ML   Numpy, Pandas, PyTorch, HuggingFace Transformers
Other   Docker, Git, Bash, Fish, Networking tools, Markdown, Latex, Unity3D, DirectX, GLSL/HLSL/Nvidia CG, Solidity

Pet projects

I wanna go home   Platformer game available on its website `https://iwannagohome.website.yandexcloud.net/`
secHNet   Autograd and Neural Network library written in Haskell (team project) `https://github.com/xiyori/secHNet`

Languages

English   Upper-Intermediate
Russian   Native

Achievements

2021	**3rd-degree diploma**, ICPC Moscow Regional	*Moscow*
2019	**2nd-degree diploma**, Open Olympiad in Programming	*Moscow*
2019	**2nd-degree diploma**, Open Olympiad in Informatics and Programming	*Moscow*

Other activities

I am passionate about theoretical informatics, algebra, functional programming and type theory. I tutor high school students on C++, Python and algorithms. Also, I like playing CTFs, especially doing reverse engineering tasks.