Taya Penskaya

Programmer

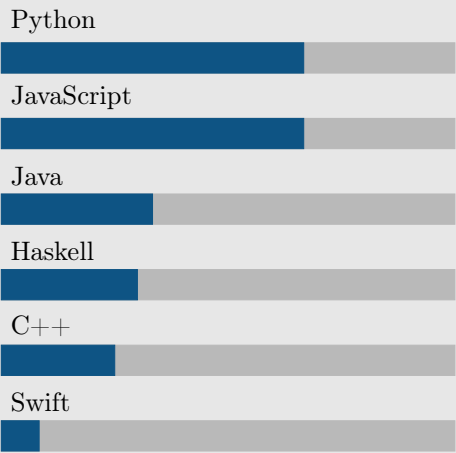23 May 2000

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Skills ——————

Python

JavaScript

Java

Haskell

C++

Swift

About me ——————

I am an enthusiastic, hardworking and friendly person who's interested in new technologies. I am currently in my 4th year of studing at ITMO University. I am eager to be challenged in order to grow and further improve my IT skills.

Experience

October – now, 2021	Machine Learning Intern	JetBrains
	Developing evaluation metrics for retrosynthetic analysis. Researching scientific papers and reproducing solutions.	
Spring, 2019	iOS Developer Intern	Webim
	Developing messenger.	

Education

2017-2021	Bachelor degree	ITMO University
	Applied Mathematics and Computer Science	
	Thesis	ITMO ML LAB
	Detailed segmentation of a human image and generation of a new image.	
	Researching approaches for detailed image segmentation task. Reproducing and evaluating pipelines, collecting data. Generating new images using GANs.	
	Term paper	ITMO ML LAB
	STatistical Inference Relief (STIR) feature selection. The algorithm from article https://academic.oup.com/bioinformatics/article/35/8/1358/5100883 was implemented.	
2014-2017	High school	Presidential Physics and Mathematics Lyceum №239
	Specializing in mathematics and physics.	

Courses attended

2020	Machine learning	ITMO ML Lab
2020	DBMS	ITMO
2020	Functional programming (Haskell)	Serokell
2020	Frontend	Yandex
2019	Translation methods	ITMO
2019	Algorithms and data structures	ITMO
2019	Math logic	ITMO
2019	Math analysis	ITMO
2019	Discrete Math	ITMO
2018	Linear algebra	ITMO
2018	iOS course	ITMO

Online courses

2021	Build Basic Generative Adversarial Networks (GANs)	DeepLearning.AI
2020	Supervised Learning	MIPT
2020	Haskell course	CSC
2019	Java course	CSC
2019	C++ course	CSC

Hackathons

2020	TrudHack
2020	TenderHack
2019	Second place at PhotoHack in Velikiy Novgorod
2019	VkHackathon