Peganov Nikita

Backend Developer

Backend developer with working experience in highload systems and project organization. Specialize in Java, Python and C++ with 3 years of production development experience. I like to create IT-startups, generate ideas and learn new technologies. I prefer to work in Moscow or online.

EXPERIENCE

Yandex, Moscow   July 2022 — October 2022

Intern Python/Java Developer of a compensation calculation system in HR-Tech
- added processing of uploads to the system reducing user work time by 50%
- implemented uploading of all user data to the cloud to increase system fault tolerance
- solved 23 minor tasks and wrote unit tests for them to improve the system

Yandex, Moscow   July 2021 — November 2021

Intern Python Developer in traffic management team
- reduced by 50% the load on the servers with DB by translating readonly requests to replicas
- added ipv6 processing into balancers' work allowed to use new ip's without extra 900 lines
- created an internal library redirecting the request to the nearest datacenter

Freelance   July 2020 — July 2021
- wrote scripts parsing sites for market analytics
- launched vk bots for online games with a maximum load of 63 people
- developed a telegram bot for the 365 good deeds project

PROJECTS

Huawei, Moscow   November 2021 — May 2022

Python Developer, Data Scientist
Research work «Reinforcement learning for resource allocation tasks in the cloud»
- tested the applicability of reinforcement learning in real conditions
- created and trained a neural network processing 4500 requests per hour
- the total number of processed requests was 1.5 million

Startup SmartLearning, Moscow   November 2020 — March 2021

Kotlin Developer, SEO the development of the Android-application for quick learning
- assembled and managed a team of 4 programmers
- developed an Android application downloaded by 183 users
- took the 19th place at the HSE Fest startup competition

Wikirace, Summer Informatics School   June 2018 — July 2018

Python Developer in an online-game where you need to find a way between wikipedia pages
- wrote a script that processed 1.8 million wikipedia articles
- implemented the back button which increased user convenience
- added multiplayer increasing the number of players by 30%

EDUCATION

Higher School of Economics, Moscow   Since September 2020

Bachelor in Computer Science
- Graduated courses with excellence: C++ Programming, Introduction to Applied Analytics, Databases, Calculus, Discrete Mathematics, English for Business Purposes
- Completed courses: Operating Systems, Software Design on Java, Algorithms and Data Structures, Computer System Architecture, Algebra, Software Development Methodologies, Probability Theory
- Research works in the field of neural networks were rated 9 out of 10 by scientific supervisors

Moscow, Russia
t.me/peganov_ns
peganov.nik@gmail.com
+7 (977) 744-19-23
vk.com/nikpeg
github.com/NikPeg
gitlab.com/peganov.nik

COMPUTER SKILLS

Python (Django, Jupyter, numpy, sympy, sklearn)
Java (Sockets, JavaFX, Multithreading, Derby)
C/C++ (Multithreading, STL)
C# (Requests, Windows forms)
Kotlin (Android)
SQL (SQLite, PostgreSQL)

TECHNOLOGIES

Git
Linux
Docker
Selenium
JetBrains IDEs

LANGUAGES

English (B2)
Russian (Native speaker)

ACHIEVEMENTS

Winner of ITMO "Open Olympiad of schoolchildren in computer science" (2020)
Winner of "United Mathematical Olympiad of schoolchildren" (2020)
Medalist of Olympiad of schoolchildren "Fiztech" in mathematics (2020)
Medalist of regional stage in All-Russian Olympiad of schoolchildren of CS and ICT (2019)

OTHER COURSES

Summer School of **Russian Association of Artificial Intelligence** (2021)
Tinkoff Generation Algorithms school (2019)
Samsung IT-school (2018)
SIS (2016 — 2018)