

Bogdan Semenov

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Github : <https://github.com/BogdanSemenov>

EDUCATION

Moscow Institute of Physics and Technology, MIPT, Moscow, Russia
B.Sc. in Computer Science, Department of Innovation and High Technology
September 2018 - June 2022

GPA: 7.2/10.0

Selected courses: Algorithms and Data Structures, Python programming, IOS development (Mail.ru Group course), Objected Oriented Programming in C++, Database course, OS Architecture, Linear Algebra, Discrete structures, Mathematical logic, Fundamentals of probability theory.

TECHNICAL SKILLS

Programming : Python, C++
Database : PostgreSQL
Languages : Russian(native), English(intermediate)
Other : Git, Linux, Numpy, Pandas, BeautifulSoup, PyGame

PROJECTS

C++ Quiz Telegram Bot

A Python based telegram bot which crawls CppQuiz.org and gives piece of C++ code. User should find and determine kind of mistakes (CE, UB, Implementation / Unspecified) otherwise print correct answer. It is deployed on Heroku.

- **Technology/Tools:** Python, BeautifulSoup, API, requests, Heroku server.
- **Link :** GitHub: <https://github.com/BogdanSemenov/CppQuizBot> ,
Telegram : <https://t.me/QuizCppBot> .

Recognition handwritten numbers

A Python based small neural network project. This neural network is possible to recognise numbers that you wrote on paper with 98% accuracy. I used Tariq Rashid's book "Make Your Own Neural Network".

- **Technology/Tools:** Python, Numpy, Scipy.
- **Link :** <https://github.com/BogdanSemenov/PythonTasks/tree/master/NeuralNetwork>

Academic Project: Football Database

This Database is a simulation of football tournament where is used a lot of PostgreSQL tools such as creating views, triggers, functions, roles and etc.

- **Technology/Tools:** PostgreSQL, ER-model(crow's foot)
- **Link :** GitHub: <https://github.com/BogdanSemenov/FootballDataBase>

ACHIEVEMENTS

- 1st place in Physics and Mathematics Olympiad "Phystech", 2018.
<https://olymp.mipt.ru>
- 4th (4/30) place in hackaton "TechRace VK x Junction".
<https://www.hackjunction.com/concepts/techrace>