

# Anatoly Sysoev

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## EDUCATION

- Sep 2018 — Present **Bachelor of Science in Applied Mathematics And Informatics, Higher School Of Economics** Moscow, Russia
- Major in Introduction to Programming 1-2, Calculus 1-2, Algorithms and Data Structures 1-2, Discrete Math 1-2, Algebra, Linear Algebra, Probability Theory and Mathematical Statistics, Differential Equations, Computer Architecture and Operating Systems, Business in Global Context, Introduction to Economics.
  - GPA: 8.54/10
  - Elected Captain in most of the team projects.
  - Finished first year in Top 10
  - Number 6 in the course student rating
- Sep 2018 — Present **Bachelor of Science in Data Science And Business Analytics, University Of London** London, UK
- Major in Statistics 1-2, Mathematical Methods, Introduction to Economics, Business and Management in Global Context.

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## EXPERIENCE

- Nov 2019 — Present **C++: Pseudo-Boolean Approach in the SPLP** Moscow, Russia
- A research project in pair with Prof. B. I. Goldengorin (<https://www.hse.ru/staff/goldengorin>). The goal of the project is to show advantages of the Pseudo-Boolean approach with Khumawala preprocessing in solving the Simple Plant Location Problem (SPLP).
- I am working on a programming realization of the approach. I have already created a powerful code in C++ and successfully tested it on different testbeds, in particular on Beasley's benchmark instances (Beasley, J.E., Lagrangean heuristics for location problems, European Journal of Operational Research, 1993, 65: 383-399.).
- Code: [https://github.com/ansys45/pseudo\\_boolean](https://github.com/ansys45/pseudo_boolean)
- Jun 2019 — Jul 2019 **Python: Community Detection in VK** Moscow, Russia
- The goal was to create a graph out of some group of Vkontakte users based on set rules. I was responsible for the parsing and VK API parts only and got the top grade for my work.
- Links:
- [https://github.com/ansys45/project/blob/master/practika/graph\\_hometwon/vk\\_api.py](https://github.com/ansys45/project/blob/master/practika/graph_hometwon/vk_api.py)
  - [https://github.com/ansys45/project/blob/master/practika/graph\\_hometwon/check\\_hypo.py](https://github.com/ansys45/project/blob/master/practika/graph_hometwon/check_hypo.py)
  - [https://github.com/ansys45/project/blob/master/practika/graph\\_hometwon/get\\_members.p](https://github.com/ansys45/project/blob/master/practika/graph_hometwon/get_members.p)
- Feb 2018 **Python: Telegram Bot for Cryptocurrencies** Moscow, Russia
- The project was motivated by my desire to engage in cryptocurrency trade and my interest in programming. The Idea was very simple: the bot received a name of a cryptocurrency and sent the user its exchange rate from <https://api.coinmarketcap.com>. The project implied working with Telegram API, API of the website above and json.

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## ENTREPRENEURSHIP

- Oct 2019 — Present **PGE Flora Forte Distribution** Moscow, Russia
- Currently I am working on distribution of Austrian fertilizer "Flora Forte" in Europe and Middle Asia. My partners and I have already signed test contracts with Institute of Agriculture of the Kabardino-Balkarian Republic and multiple companies in Uzbekistan and Kazakhstan.
- Dec 2017 — Sep 2018 **JUUL Distribution** Moscow, Russia
- I made an analysis of Russian e-cigarettes market and created a website (currently closed), where I tracked the activity of customers. I had a successful experience in writing a distribution proposal letter to the JUUL company

(net worth \$15bln at that moment) and communicating with its EMEA President Grant Winterton and his deputy. Further, cooperated with Altria Vice-President in Russia A. Ordzhonikidze.

SKILLS	Python: numpy, pandas, requests, scrapy, selenium, VK API, Telegram API  C++	LaTeX  Keynote	
LANGUAGES	Russian  English	Native speaker  Highly proficient	Spanish  B2
HOBBIES	Sports: tennis (2005 - 2010 professionally, 2010 - current time), swimming (2010 - 2015 semi-professional), boxing (2015 - 2019).  Music: I play guitar and do vocals. I had an experience participating in a concert (May 2019), where I successfully performed 3 songs.		