

Artem Kupriyanov

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EDUCATION

2015 – 2019 Moscow Institute of Physics And Technology (MIPT), Russia

Department of Innovation and High Technology

GPA (8.1 / 10)

- Bachelor of Applied Mathematics and Informatics.
- Major in Data analysis (Yandex Department).

WORK EXPERIENCE

Summer 2016 RTI Systems, Moscow, Russia, data scientist

- Made visualisation radio signals in Python, Java and MathCad for further processing.
- Used a python library, such as sklearn, numpy, pandas, sqlite, postgresQL.
- Worked with large datasets. Used Hadoop.

June, 2017 — Present VicMan LLC, Developer - Analyst

- I worked with generative neural networks (GAN) for image processing.
- I implemented a networks for segmentation and matting hair.
- Used a python library, such as TensorFlow, Keras, PyTorch, sklearn, openCV.
- The results of my work are implemented in VicMan applications on the AppStore.

ACHIEVEMENTS

- **mABBYlity 2017. 1st place.** Mobility hackathon by ABBYY. team: SciHack (bot-lawyer).
- **VisionHack 2017. 2nd place.** Artificial intelligence and computer vision international student hackathon. Team: DeepMIPT.
- **MIPT 2017. 1st place.** VicMan neural-network hackathon. Recognition Instagram filters. Team: DMIA.
- **MIPT 2017. 3rd place.** Mindround hackathon. Speech recognition bot.
- **CEO Breaking Bet** — predictive sports system (accelerating programs: **PhystechStart** September, 2017 — Present).

SKILLS

- Advanced knowledge of Python, C/C++, SQL, Java, Git.
- Basic knowledge of R, UNIX.
- Good mathematical background.
- Languages: English (intermediate), Russian (native).

MATH & IT COURSES PASSED

MIPT (offline) courses

- Algorithms and Data structures (C++) (advanced course)
- OOP (C++, Python, Java)
- Computer Architecture and Operating Systems, Data bases
- Probability Theory, Mathematical Statistics and Random Processes.
- Discrete Analysis, Mathematical Logic, Formal Languages and Translations.
- Data Mining in Action (course by MIPT)
- Optimization methods (course by Yandex Data School and DIHT MIPT)
- Mathematics workshop in discrete mathematics. Scientific adviser Musatov D.V. Scientific work — “The problem of multidimensional placement”.

Massive open online courses

- Specialization in Machine Learning and Data Analysis, Coursera, MIPT, January 2016 - November 2016.
- Introduction to Machine Learning, Coursera, Higher School of Economics - May 2016.
- Game Theory, OpenEDU, MIPT, September - November 2016.
- R programming, Coursera, Johns Hopkins University, October 2016.

INTERESTS

- **Research:** Data Analysis, Deep Learning, Mathematical statistics, Probability Theory, Economics.
- **Sport:** basketball, football.