

# Artem Kupriyanov

[kupriyanov.me](http://kupriyanov.me)

[kupriyanovartem@yandex.ru](mailto:kupriyanovartem@yandex.ru)

<https://www.linkedin.com/in/artem-kupriyanov>

+7 (999) 850-20-68

## EDUCATION

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**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

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**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 (hair segmentation) and hair segmentation.
- Used a python library, such as TensorFlow, Keras, PyTorch, sklearn, openCV.
- The results of my work are implemented in Wikman applications on the AppStore.

## ACHIEVEMENTS

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- **mABBYlity 2017.** Mobility hackatoon by ABBYY (bot-lawyer). **1st place** (team: SciHack)
- **VisionHack 2017.** artificial intelligence and computer vision international student hackathon. **2nd place.** (team: DeepMIPT)
- **MIPT 2017.** VicMan neural-network hackathon. **1st place** (team: DMIA)
- **MIPT 2017.** Mindround hackathon 3rd place. (speech recognition bot)
- **Created a small startup in data analysis in sports.** We predict NBA matches.

## SKILLS

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

## MATH & IT COURSES PASSED

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### MIPT courses

- Algorithms and Data structures (C++) (advanced course)
- OOP (C++, Python, Java)
- Computer Architecture and Operating Systems
- Data bases (course by DIHT MIPT and by NIX Lab.)
- Probability Theory and Mathematical Statistics
- Discrete Analysis, Mathematical Logic, Formal Languages and Translations.
- Data Mining in Action (course by MIPT)
- Optimization methods (course by Yandex Data School)
- Mathematics workshop in discrete mathematics. — 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

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