

# Artem Kupriyanov

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## 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, intern data scientist**

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

**June, 2017 — Present** **VicMan LLC, junior data scientist (computer vision), analyst**

- I implemented a networks for segmentation and matting hair.
- I worked with generative neural networks (GAN) for image processing.
- Used a python library, such as TensorFlow, sklearn, openCV.
- The results of my work are implemented in VicMan applications on the AppStore PhotoLab — [best app of 2017 in GooglePlay and AppStore \(in some countries\)](#).

## ACHIEVEMENTS

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**December 2017** **LovelyGIS hackathon** by [HERE](#) and [Open Government](#)

- 1st place. Team: GuccinSquad. Project: InThePlace app

**November 2017** **Global Changers hackathon**

- 1st place. Team: SciHack. Project: PocketLawyerBot

**October 2017** **mABBYlity 2017** by [ABBYY](#)

- 1st place. Team: SciHack. Project: PocketLawyerBot

**September 2017** **VisionHack 2017** by [MISIS](#) and [Cognitive Technologies](#)

- 2nd place. Team: DeepMIPT. Project: self-driving cars

**April 2017** **Image recognition hackathon** by [VicMan](#)

- 1st place. Team: DMIA. Project: recognition Instagram filters

**February 2017** **IconHack** by [Mindround](#)

- 3rd place. Team: DMIA. Project: music recognition bot

- **CEO Breaking Bet** — predictive sports system (accelerating programs: **PhystechStart** September, 2017 — Present).

## SKILLS

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

## MATH & IT COURSES PASSED

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### 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.
- 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

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