

Arseniy Konev

ML/DL specialist

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Russia



EXPERIENCE

- **Yandex**
Machine Learning Developer - Moscow, Russia Developing video recommender system. I work on the whole pipeline: logs processing/data collection/model training/AB-testing/models deployment
March 2020 onwards
- **Yandex.Market**
Intern analyst
Developed a recommender system for categories. Responsibilities: data collection/model training/AB- testing
May - August 2019

EDUCATION

- **M.S. Data Science**
Skoltech
Developing DL models for multimodal trajectory prediction for self-driving cars
2018-2021
- **B.S. Physics**
Lomonosov Moscow State University
2014-2018

AWARDS & RECOGNITION

- **Open AI Caribbean Challenge**
Rooftops classification using satellite data. Used CNN models + smart stacking
3/1425
[Link to a post in organizers' blog](#)
- **Kaggle Lyft Motion Prediction for Autonomous Vehicles**
Bronze: 68 / 925 teams
The task was to predict the trajectory of the agents (cars/bikes/pedestrians etc) around the autonomous vehicle. I combined different approaches of pretrained CNNs and self-implemented graph nets

AWARDS & RECOGNITION

- **International hackathon Ice Vision Challenge**
The task was to detect road signs with the inference time restriction
6 / 26
[Link](#)

SKILLS

- **Technologies**
Python, Pytorch, TensorFlow, ML stack (numpy, scipy, pandas, sklearn etc), SQL
- **Math**
Machine Learning / Deep Learning (implemented convolutional nn using pure numpy, writing formulas for backprops) / Numerical Linear Algebra / Large Scale Optimization / Advanced Statistical Methods
- **Languages**
Russian (native speaker), English (fluent)

PROJECTS

- **Optimal Control of Satellite Model via Neural Networks** [\[pdf\]](#)
comparison of deep learning and reinforcement approaches to the task of optimal control of satellite model
- **Attention/decision maps** [\[pdf\]](#)
Detecting regions of MRI responsible for health problem