

IVAN LAZUNIN

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EXPERIENCE

Computer Vision Intern

Sber.Robotics

Mar 2022 — Present

Moscow, Russia

Python PyTorch CUDA OpenCV

Self-driving delivery robot team. Worked on computer vision and perception problems.

- Improved quality of recognition of dynamic objects on lidar data by implementing image instance segmentation.
- Implemented fisheye camera + lidar projection to birds-eye-view with semantic segmentation for robot navigation.

ML Engineer Intern

Yandex

Jun 2021 — Sep 2021

Moscow, Russia

Python MapReduce SQL NLP

Worked in the content classification team.

- Improved data reuse in the process of classification models training
- Computed a list of the most popular resources in some filtering categories
- Optimized the process of marking up web documents for content classification. Obtained by using the most relevant information of the page for crowdsourcing
- Used image and text classifiers for page markup

PROJECTS

Assessing Humor in News Headlines

Yandex, Sirius

Apr 2021

Sirius, Sochi

Python PyTorch DVC Transformers BERT NLP

Solving the NLP problem of the humor assessment competition.

- Worked on a humor recognition and generation project
- Trained RuGPT on a dataset of russian jokes
- Automated experiment tracking with DVC and S3 registry

Single Image Reflection Separation

Yandex, HSE, Sirius

Nov 2019

Sirius, Sochi

Python PyTorch OpenCV CNN ResNet

Studied and implemented some methods for removing reflections.

- Worked on a CV and generation problems
- Implemented and trained ResNet based model
- Developed an MVP of reflection removing service with Flask

EDUCATION

BSc. Computer Science

Russian Technological University

Sep 2019 — Now

Moscow, Russia

Applied Mathematics (Data Analysis)

ACHIEVEMENTS

International Engineering Championship «Case-In»

1st place

Sep 2020

Moscow, Russia

The predictive maintenance problem, team competition «Digital Atom»

NTI Contest: Big Data track

final round

Feb 2018

Moscow, Russia

The annual high school student team tech competition

Russian Computer Science competition

2nd place, regional round

Feb 2018

Vladimir, Russia

School Programming Olympiad

SUMMER SCHOOLS

Intensive Workshop on Reproducing SOTA

Apr 2021, Oct 2019

Sochi, Russia

Programming schools at MIPT

Aug 2018, Jan 2019

Moscow, Russia

ADDITIONAL

Skills

Git, CI/CD, Docker

C++, bash

Languages

Russian (native)

English (intermediate)

Hobbies

Music creation, travelling photography