IVAN LAZUNIN

@ code.wibbn@gmail.com   📞 +7 900 475-84-92   wibbn   wibbn

EXPERIENCE

Computer Vision Intern

Sber.Robotics

📅 Mar 2022 — Now   📍 Moscow, Russia

`Python` `PyTorch` `CUDA` `OpenCV`

Worked in a team developing an autonomous delivery robot. Solved problems of computer vision and perception.

- Improved quality of recognition of dynamic objects on lidar point clouds by implementing image instance segmentation.
- Impelemented 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

Bachelor of 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»

Dota2 match result prediction

final round

📅 Mar 2018, Mar 2019   📍 Moscow, Russia

Academy of Artificial Intelligence of Sberbank

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