MARAT KANZAFAROV
Curriculum Vitae

Contact Information
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Personal Statement
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Result-oriented backend team lead with 15 years of experience in the IT industry, a keen eye for detail results in solid coding and trustworthy software programmes. Advanced skills of mentoring developer teams, maintaining high-loaded projects. Strong analytical, troubleshooting and problem solver skills. Focused on business requirements.

Employment History
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2017-present
Computer vision project #2, Team lead

Developing backends, processing from hundreds of thousands to millions of images, managing experiments, training models, evaluating metrics, parsing logs, drawing plots, R&D prototyping.

Technology stack: Annoy, Celery, Docker, Faiss, Flask, Git, Mahotas, Matplotlib, MMDetection, NLTK, NMSLIB, NumPy, OpenAI CLIP, OpenCV, Pandas, Pillow, PostgreSQL, Pydicom, Python, Python multiprocessing, Pytorch, pytorch-image-models (timm), RabbitMQ, Redis, SciPy, scikit-image, scikit-learn, seaborn, segmentation_models.pytorch, Tensorboard, Tensorflow, umap-learn, various YOLOs

2016-2017
Computer vision project #1, Backend team lead

Designed and implemented the backend of the computer vision project.

Technology stack: Celery, Docker, dlib, Flask, Git, NumPy, OpenCV, Python, scikit-image, Tensorflow

2015-2016
NCT, Team lead

Designed and implemented mail and storage systems. Worked closely with the frontend development team and product owner. Conducted code reviews of the backend development team and interviewed 100+ job applicants.

Technology stack: FastCGI, Git, Nginx, Openstack Swift, Perl, PostgreSQL, Redis

2013-2015
Westudy, Backend team lead

Designed and implemented the backend of the educational platform.

Technology stack: Git, Nginx, Perl (Mojolicious), PostgreSQL

2013
Yandex, Software developer

Developed the Direct API.

Technology stack: Git, Perl, MySQL

2011-2013
Search engine, Senior software developer

Designed and implemented the backend for the inner assessors' website, which was used for improving search engine result pages.

Technology stack: Apache, Hadoop, PHP (Symfony), Perl, PostgreSQL, SVN

2009-2011
CityInfo, Software developer

Designed and implemented the backend of the informational website.

Technology stack: Apache, GeoIP, Nginx, PHP (Symfony), PostgreSQL, SVN

2007-2009
Mail.ru Group, Software developer

Redesigned and implemented the backend of **auto.mail.ru** (one of the most visited websites in the CIS), car marketplace, image storage and processing, xml parsing.

Developed the Q&A web service **otvet.mail.ru** and network community platform **forum.*.mail.ru**.

Technology stack: Apache, ImageMagick, Memcached, MySQL, Nginx/0w, PHP, Perl, SVN

Additional Professional Experience
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2020-present
Kaggle Experience, Kaggle expert

Competitions and results
- Plant Pathology 2021: Top 1%
- Plant Pathology 2020: Top 2%
- Cassava Leaf Disease Classification: Top 7%
- Global Wheat Detection: Top 10%

Education
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1999-2005
Lomonosov Moscow State University (Faculty of Physics, Computer Methods in Physics)

Hobbies
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AR/VR, Chess, GameDev, Robotics, Traveling