

George Fedoseev

Machine Learning Engineer

ML engineer with experience in RL, NLP and ASR.

Over 5 years industry experience in software development.

george.fedoseev@me.com

georgefedoseev.com

[LinkedIn/GeorgeFedoseev](https://www.linkedin.com/in/georgefedoseev)

[GitHub/GeorgeFedoseev](https://github.com/GeorgeFedoseev)

[Kaggle/GeorgeFedoseev](https://www.kaggle.com/GeorgeFedoseev)

Tools stack: Python, Pytorch, C#, JavaScript, Git, Docker, AWS, Unity3D, MongoDB, SQL, etc.

Recent Work Experience

Machine Learning Engineer

at [Giant.AI](#) (Saint-Petersburg, Russia)

May 2020 – present

- Applying RL in robotics.

Senior Machine Learning R&D Engineer

at [Huawei](#) (Saint-Petersburg, Russia)

Sep 2019 – May 2020

- Worked on NLU and ASR production-ready machine learning models for voice assistant.
- Designed and developed NLP data annotation system with ML models in the loop.
- Designed and implemented new ASR model architecture fusing NLP and ASR approaches.
- Led a small team of two ML engineers.

Senior Software Engineer

at [EventAgrate Software and Technologies](#) (Dubai, UAE)

Feb 2017 – Jan 2019

Worked on 30+ interactive experience projects for exhibitions and shows.

- Connecting various hardware into exciting installations: VR, AR, touch screen apps, arduinos, lidars, kinect, RFIDs, OptiTrack motion tracking.
- Developing LAN multiplayer apps and games in VR and on touch screens.
- R&D in sensing with RFID trackers and lidars, attaching AR applications to real world keypoints and point clouds.

More on [LinkedIn/GeorgeFedoseev](https://www.linkedin.com/in/georgefedoseev).

Education and Other

- Bachelor's degree in Applied Math and Computer Science (Saint-Petersburg State University)
- [Kaggle Competitions Expert](#)
- Worked on real-time iOS hair-coloring app [HairBrush](#) (download on the [AppStore](#))
- Created [3 Things-to-Do](#) - simplified to-do list for iOS (get on the [AppStore](#))
- Publications
 - *Iakushkin, O., Fedoseev, G., Shaleva, A., Degtyarev, A., & Sedova, O. (2018, September). Russian-language speech recognition system based on deepspeech. In Proceedings of the VIII International Conference on Distributed Computing and Grid-technologies in Science and Education (GRID 2018).*
 - *Fedoseev, G., et al. "A continuous integration system for MPD Root: Deployment and setup in GitLab." Saint-Petersburg State University (2016): 525-529.*