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
GitHub/GeorgeFedoseev
Kaggle/GeorgeFedoseev

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.

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.*

Skills

Python, PyTorch, Reinforcement Learning, Speech Recognition, NLP, Git, Linux CLI, Docker, AWS, C#, JavaScript, React, Unity3D, MongoDB, SQL