Vladislav Serkov

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Profile

Data scientist with hands-on experience in machine learning, statistical analysis and big data. My favorite tool for day-to-day work is Python. Favorite library for deep learning is pytorch.

Work experience

Senior data scientist at Dexpa: November 2018 - Present

Dexpa provides cryptotraders with analytical tools to help with trading. One of the products is a price and volatility prediction on cryptomarkets. I've researched, developed and put into production a suit of neural networks implemented in pytorch. I also lead a junior DS.

Senior data scientist at Stream: September 2018 - October 2018

Stream is a division of MTS, Russia's largest telecom. There I've developed a demo for a face identification system for MTS' Second Memory service, it used FaceBoxes to find a face in an image, and FaceNet for embedding.

Senior data scientist at DCA: October 2017 - August 2018

DCA was one of the largest DMPs in Russia, seeing data from millions of sites every day. There I've built end-to-end systems to make sense of the data: **1.** Automatic audience segmentation; **2.** Web pages categorization based on fasttext embeddings; **3.** Highload banner CTR prediction with Wide-and-deep model implemented in Tensorflow and served via Tensorflow Serving.

Data analyst at R&D at Flocktory: November 2014 - September 2017

Flocktory is a SaaS marketing platform, here I've designed and built a tool for matching different product catalogs onto a universal taxonomy using fasttext embeddings, identifyied patterns for promotions.

Pricing analyst at Mamsy: March 2013 - November 2014

Mamsy is a e-commerce retail, where I've decided on buying and selling prices, analyzed competitors' pricing.

Technical skills and programming languages

- **Statistical skills**: regression analysis, hypothesis testing, data visualization.
- **Machine learning**: data cleaning, feature engineering, regression, classification, cross-validation.
- **Databases**: BigTable, BigQuery, Impala, Hive, HBase, MongoDB, PostgreSQL, Vertica etc.
- **Python**: pandas, scikit-learn, LightGBM, pytorch, matplotlib.
- **Other tools**: Linux, git, gunicorn, Docker, fasttext.

Education

National Research University Higher School of Economics

Economist, with World Economy as the main field of study, Specialist: September 2008 - August 2013