Alexander Litvintsev

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EXPERIENCE

Senior Data Scientist   Mar. 2020 – Present
Sber – www.sberbank.ru   *Moscow, Russia*
- Developed algorithm & models for e-com project. Estimated effect is $130M.
- Realized project for optimizing costs by predicting commercial real estate's rent price. Estimated effect is $15M.
- Developed geo-recommendation model for bank offices. Over 20 offices were relocated.
- Stack: Python, Spark, SQL, Pandas, Git

Senior Data Scientist   Apr. 2019 – Feb. 2020
CFT – www.cft.ru   *Novosibirsk, Russia*
- Developed contextual bandit with online training for advertising templates in mobile application (recommendation system). Conversion increased by 8%.
- Performed hypothesis testing and feature selection for credit scoring model. ROC AUC increased by 15%.
- Stack: Python, SQL, Pandas, RecSys, RL, DVC, Git

Data Scientist   Mar. 2018 – Apr. 2019
ISPsystem – www.ispsystem.ru   *Irkutsk, Russia*
- Implemented model for predicting customer churn with 80% ROC AUC
- Created analytical system based on Tableau Server with over 20 dashboards (RFM analysis, cohort analysis, sales, unit economics)
- Stack: Python, SQL, Pandas, Tableau, Git

Researcher   Sep. 2010 – Aug. 2015.
Irkutsk State Transport University – www.irgups.ru   *Irkutsk, Russia*
- Developed software package for interval analysis of electric power systems
- Published 18 scientific papers and received certificate of software registration
- Stack: C++, Git

EDUCATION

Irkutsk State Transport University   Irkutsk, Russia
Ph.D. in Computer Science   *Sep. 2010 – Aug 2015*

Irkutsk National Research Technical University   Irkutsk, Russia
Master of Science in Electrical engineering   *Sep. 2014 – Aug 2016*

CONFERENCES

Artificial Intelligence Journey, *www.ai-journey.ru*   Moscow, Russia
AI driven geo-recommendation service for the best business location   *2021*

Data Fest, *www.ods.ai*   Moscow, Russia
Decision-making system for moving, closing and opening bank offices   *2020*

PROJECTS

Restaurants Recommendation System | *Python, Streamlit, FastAPI, Docker*   Aug. 2022
- Developed a full-stack web application using with FastAPI serving a REST API and with Streamlit as the frontend
- Deployed web application in the cloud service – www.foodrecs.ru
- Source code: www.github.com

TECHNICAL SKILLS

Languages: Python, C/C++
Big Data: Spark, SQL, Pandas
Data Science: Machine learning, Deep learning, RecSys, A/B Testing
Frameworks: FastAPI, Git, Docker, DVC, Flask, Streamlit