Artur Yasnov

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Summary

Machine Learning Engineer with experience in Machine Learning, Deep Learning, Analytics and Development. Handling variety of projects from concept to completion. Quick learning abilities and result oriented approach.

Technical Skills

Development: Python, C/C++, SQL (Postgres), Docker, Kubernetes, Jenkins, Linux, Git
Frameworks: PyTorch, Keras, OpenCV, numpy, pandas, nltk, scikit-learn, xgboost
Data Skills: Machine Learning, Deep Learning, Data Mining, Image Segmentation, Object Detection, Medical Image Processing

Experience

Machine Learning Engineer January 2020 – Present

Adevinta

- Developing and deployment of ML / CV models into production. From the idea stage to evaluating the effectiveness on users. Tasks:
  - Scoring the probability of transition of a Trial-Partner to a Paid-Partner to increase the efficiency of calls.
  - Monitoring key activity metrics and assessing the likelihood of leaving a Paid-Partner, integrating this microservice with the sales application API.
  - Determination of a fraud by abnormal behavior.
  - Creation of models for moderation of ads in real estate:
    * Model that changes the order of photos in the ad, placing large, clear photos of the main rooms at the top of the list and photos of other rooms and parts of the interior at the end.
    * Model for automatic assessment of the quality of repair. Allows you to tag ads more objectively than the user's assessment.
- Search and evaluation of third-party ideas, integration with models of other Adevinta teams.

Data Scientist / Analyst June 2019 – December 2019

Banuba

- Building visualizations and searching for insights in data.
- Building, validating and improving ML models:
  - Predicting the probability of a user buying a subscription.
  - Income prediction for the next 2-4 weeks by Country / Region based on the users who came and their characteristics. It helped in understanding the audience and purchasing advertising.
  - Audience segmentation along the subscription path. Separation of "organic" users. The user can find out about the application through advertising, but download it directly through the AppStore. It is important to clearly separate the group of users who download the application directly through the AppStore, for example, by learning about it from friends. This helped to better understand the true dynamics of the increase in the number of "organic" users, as well as the quality of advertising by region.

Education

Belarussian State University Minsk

Applied Mathematics and Computer Science

- Department: Mathematical Methods of Data Analysis
- Diploma on the search and segmentation of Glomeruli of the Kidney on Medical Images.
- Additional Algorithms and Data Structures Courses.

Training/Courses

Machine Learning from Open Data Science (mlcourse.ai)
Machine Learning and Data Analysis. Moscow Institute of Physics and Technology and Yandex.
Deep Learning Specialization. Andrew Ng (www.coursera.org/specializations/deep-learning)
Deep Learning using Keras - Francois Chollet (Book)