Ekaterina Mikhalchuk

Python Developer

In love with coding and passionate about solving interesting unusual tasks. I dedicate much time to self-education and increasing my soft&hard skills. Looking for further challenges to grow in development.

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WORK EXPERIENCE

Python Developer
Gloria Jeans

09/2021 - Present   *Moscow, Russia*
Achievements/Tasks

- Building sales forecast at category level by means of ML algorithms.
- Developing algorithm of hanging clothes in shops depending on different measuresю This algorithm helped merchandizers to improve assortment distribution and increase sales in every shop
- Building price optimization algorithm that allows to determine the price of the next markdown depending on categories, previous markdowns' indicators and other features. Algorithm optimized the work of the markdown department;
- Drawing up BI reports for presenting models' results;
- Development of automated unloading of a range of competitors' products (Parsing of competitors' sites that helped merchandizers to hold benchmarking analysis more carefully and faster);

Data Analyst Intern
Nestle

10/2020 - 05/2021   *Moscow, Russia*
Achievements/Tasks

- Assessing the effectiveness of artificial intelligence algorithm
- Conducting sales data analysis & building powerBI reports

EDUCATION

Python Backend Development
SkillFactory

09/2021 - 07/2022   *Moscow, Russia*

Data Scientist
Yandex.Praktikum

10/2020 - 08/2021   *Moscow, Russia*

International Trade (Bachelor Degree)
Moscow State Institute of International Relations (MGIMO)

08/2016 - 08/2020   *Moscow, Russia*

SKILLS

Python · Django · Docker · Celery · CSS · Redis · HTML · Vertica · PostgreSQL · MachineLearning

PERSONAL PROJECTS

News portal for book community
- Django, Django ORM, sqlite, redis, celery
- Registration by e-mail, account confirmation
- Filtering and sorting news, pagination
- Different rights for users and visitors: viewing - for visitors, creating, deleting and editing ads - for users
- News subscription, email alerts and weekly newsletter

API for cars guide
- Django Rest Framework, Django ORM, Djoser, sqlite
- Authorization, permissions

Currency Exchange Bot
- Python, pyTelegramBotAPI, requests, Redis, json
- This bot returns the price for a certain amount of currency

LANGUAGES

Russian
Native or Bilingual Proficiency

English
Full Professional Proficiency

German
Limited Working Proficiency

Spanish
Limited Working Proficiency

INTERESTS

In my spare time depending on season I enjoy playing tennis, snowboarding and bicycling because these sports keep me fit, challenge my physical limits and let me feel free