

PROFILE

Machine Learning Engineer and product builder focused on applied ML and product engineering. Builds models that solve real problems and designs systems people actually use, with an emphasis on clean code, data-driven decisions, and shipping production-ready solutions.

SELECTED WORK

SberAutoPodpiska ML

Binary classification · ROC-AUC 0.706

Predicts user conversion on a car subscription platform. Trained on 1.86M sessions with LightGBM and 13 engineered features. Deployed as a FastAPI service with Docker and REST API. End-to-end ownership: EDA, feature engineering, class-imbalance handling, hyperparameter tuning, deployment.

LightGBM · FastAPI · Docker · Pandas · Scikit-learn · Jupyter

Rubium — Exam Prep Ecosystem

Startup · Full-stack educational platform

Exam-preparation platform with AI-powered hints, custom mock exams, progress analytics, and collaborative notebooks. Built with Python/Flask, Supabase, and vanilla JavaScript; designed architecture, API contracts, AI integration strategy, user flows, gamification, and community features.

Python · Flask · Supabase · AI Integration · Product Design · Vanilla JS

EDUCATION

Beijing Institute of Technology School of Computer Science and Technology · Bachelor's	2026–2030 Full International Scholarship
Skillbox · Machine Learning Professional retraining · Data Science & ML Engineering 18-month intensive program: supervised & unsupervised learning, time series, NLP with transformers, MLOps, production-grade model deployment. Final project: real-time fraud detection system with 94% precision.	2024–2026

TECH STACK

ML & Data LightGBM · Scikit-learn · Pandas · NumPy · XGBoost · Jupyter · SMOTE · Matplotlib · Seaborn	Backend & API FastAPI · Flask · PostgreSQL · Supabase · Docker · REST API
Languages Python · SQL · HTML/CSS · JavaScript	Tools Git · Linux · CI/CD · VS Code · Postman · Agile

FOCUS

Applied ML Classification · Regression · Forecasting · Clustering · Anomaly Detection	Product Startups · User flows · Architecture · AI integration · Shipping	Research Fraud detection · User behavior modeling · Applied ML · Mathematics
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Open to research collaborations, startup partnerships, and engineering challenges in ML and product development.