Evgenii Koskelainen
Python developer, ML Engineer

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Programming Skills

- **Languages**: Python, SQL, HTML, Shell   **Technologies**: Hadoop, Spark, gRPC, Kafka, Docker, OpenShift

  Python libs: PySpark, Pandas, NumPy, Scikit-learn, SciPy, XGboost, Shap

  DataBase: Oracle, PostgreSQL, ClickHouse, Redis

Experience

- **Sberbank**   Moscow, Russia
  Senior ML Engineer, Team Lead   *Sep. 2019 - Apr. 2022*
  - **EWS Model**: Designed production model from MVP and data marts(Spark). EWS(Early Warning System) model allows to capture risk indicators such as the probability of default and financial, macroeconomic factors, and obtain a general assessment of credit deterioration. Basically, it is multi models system that trains on big data with valuable insight.
  - **Workflows**: Designed the workflow framework MFW(Models FrameWork) to create and manage model pipelines leveraging reusable patterns to expedite developer productivity. The framework reduces the Time to Market each model by 15–25%.
  - **Management**: Led the development of models, frameworks, DevOps, and integrations with other services.

  Middle ML Engineer   *Dec. 2018 - Sep. 2019*
  - **NPL model and etc**: Designed production models from MVP and data marts(Spark). Models detect potentially Non-Performing Loans where the likelihood of them being repaid in full is considered to be significantly lower.
  - **Refactoring legacy**: Refactored legacy models and redesigned with release to production.

- **OpenTechnologies**   Moscow, Russia
  Data Engineer   *Dec. 2017 - Dec. 2018*
  - **Geolocation Application**: Refactored legacy backend module and developed ETL tools for a project. Implemented module with process big data and integration with Splunk.
  - **APM**: Developed module to aggregate data from agent APM(Application Performance Management) and a make general report about the system status.

- **Huawei Technologies**   St. Petersburg, Russia
  Python Developer   *May 2016 - Sep. 2017*
  - **Reporting**: Developed an application for automatic report generation for KPIs achievement by region.
  - **Monitoring system**: Developed backed module to install and manage monitoring system icinga(nagios).

Education

- **The Bonch-Bruevich St. Petersburg State University of Telecommunications**

  St. Petersburg, Russia

  Master of Secured Communications Systems   Sep. 2003 – June 2008

- **The Bonch-Bruevich St. Petersburg State University of Telecommunications**

  St. Petersburg, Russia

  Master of Economics and Managements to Communication   Sep. 2006 – June 2009