

# ALEKSANDR SKOBELEV

+7(961) 979-8545 ◇ St.Petersburg, Russian Federation  
[skobelev.2002@gmail.com](mailto:skobelev.2002@gmail.com) ◇ [github.com/KelThuzedd](https://github.com/KelThuzedd) ◇ [t.me/skobelevae](https://t.me/skobelevae)

## OBJECTIVE

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Analyst with more than 1.5 years of freelance analysis and tutor experience, looking for a part-time role.

## EDUCATION

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**Bachelor of Economics**, HSE University

Expected 2024

**GPA:** 4.0 out of 5.0 possible

## SKILLS

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### Math Skills

Mathematical Analysis and Statistics, Probability and Game Theory

### Economics and Business Skills

Microeconomics and Macroeconomics, Business Analysis and Accounting  
Financial and Creditworthiness Analysis, Econometrics

### Technical Skills

Data Analysis in R/Python, Decomposition, Structural-breaks  
Time series analysis and forecasting (ARIMA, GARCH, VAR)  
Linear Regression, Power BI and Query, MatLab, Git

### Libraries

Python (NumPy, Pandas, SkLearn, StatsModel, Scipy, XGBoost, Matplotlib)  
R (Forecast, Lmtest, Tseries, Vars, Urca, TSA, Matlib, Sandwich, portes)

## EXPERIENCE

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### Freelance Developer and Tutor

I did analytics for clients from different cities. In addition, I have helped students from 5 different universities in Russia with developing projects and research. I would like to note the experience in (according to the customer) improving the readability of the code due to better use of functions. Also, in some studies, I have developed a methodology that significantly improves the results.

## PROJECTS

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### Analysis and Forecasting Exchange Rate USA

I predicted the dynamics of the US dollar for 5 years and the research properties of the series under study and factors affecting the forecast. I analyzed the indicators of one-dimensional time series, built reasonable central and interval forecasts. I included the ARCH effect in the model to predict the prices of financial instruments. Conducted a structural gap analysis. Created a factorial VAR model and assessed how it affects forecasts. This project was made with R and Python. ([Try it here](#))

### BI Analysis KHL Avangard

The project was based on data provided by KHL Avangard, which included data on sales of the paraphernalia store, online store, ticket offices. Transformed and cleaned data in Power Query, created links between tables. Made interactive reports and dashboards. ([Try it here](#))

### Analysis of Financial Statements Mvideo

Based on the financial reports analysis of the balance sheet structure, the structure of the profit and loss statement, vertical and horizontal analysis, as well as analysis of ratios and creditworthiness on methodology Sberbank. ([Try it here](#))

## SIDE PROJECTS

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- Created and administered a network of telegram channels with over 6000+ subscribers. With a cumulative number of post views of about a million