

DANIIL MOROZKOV

Los Angeles, CA • morozkov.d.a@gmail.com • (213) 944-9684 • [Portfolio](#) • [Linkedin](#) • [Github](#)

EDUCATION

University of Southern California, Marshall School of Business – Los Angeles, CA **August 2022 – December 2023**
Master of Science, Finance (Quantitative Emphasis)

- **Honors:** Dean's List, Selective merit-based Scholarship of \$12,000, GPA 3.6
- **Relevant Coursework:** Machine Learning, Probability & Statistics, Applied Time-Series Forecasting

Moscow State Institute of International Relations (University) – Moscow, Russia **August 2018 – July 2022**
Bachelor of Science, Economics

- **Honors:** Dean's Scholarship, GPA 3.8
- **Activities:** President of Economics and IT Club - Directed organization of social events and team projects

SKILLS

- **Programming Languages:** Python, R, SQL, C++, JavaScript, Solidity.
- **Big Data & Machine Learning:** AWS, Spark, Hadoop, MongoDB, TensorFlow, PyTorch.
- **Analytics and Visualization Tools:** Excel (e. g. pivot table, vlookup), Tableau, Power BI, Alteryx, SAS.
- **Data Science & Miscellaneous Technologies:** A/B testing, ETL, Data Science pipeline (cleansing, wrangling, visualization, modeling, interpretation), Statistics, Time-Series, Experimental design, Causal Inference, Git.
- **Certifications:** Data Scientist Professional certificate. ([link](#))

EXPERIENCE

Evrica Technologies Inc. – Los Angeles, CA **January 2024 – Present**
ML/AI Engineer

- Led the design, development and implementation of “Evrica AI”, a transactional compliance chatbot assistant, leveraging custom-trained LLMs to assist end-users in drafting financial contracts and ensuring compliance with relevant local and international regulations.
- Designed and implemented a scalable ETL pipeline capable of efficiently processing and analyzing over 5 million documents, significantly enhancing data infrastructure robustness and reliability.
- Employed causal inference methodologies to analyze feedback of over 200 clients and discern key drivers of user satisfaction, refining AI responses and increasing their accuracy by 50%.

Adoriasoft – Los Angeles, CA **December 2022 – December 2023**
Data Analyst

- Ranked Top 3 ranking among 15+ interns for playing a pivotal role in the deployment of a strategic ML project into production through persuasive data modelling and interpretation, facilitating a 15% reduction in operational costs.
- Led the successful launch of customer predictive scoring model employing Random Forest Classifier on AWS to rank the customer database, enhancing customer experience and engagement by 30%.
- Directed 7-member team in the innovative implementation of advanced A/B testing models, profoundly optimizing business processes, and achieving a 25% boost in conversion rates.

Sberbank – Moscow, Russia **June 2021 – May 2022**
Data Analyst

- Utilized advanced statistical methods including ARIMAX and GARCH time-series models, Multivariate Regression, and Monte Carlo Simulations to develop advanced trading strategies, improving team's PnL by 30%.
- Developed and streamlined a SQL database of over 500,000 records to enhance data integrity, improve data collection methods, and automate the reporting process, reducing data retrieval time by 20%.

PROJECTS

Estimate the unit sales of Walmart retail goods (Kaggle Competition) (Python, LGBM)

- Achieved a top 30 ranking (out of 4,983 teams) in a Walmart unit sale forecasting competition, showcasing expertise in Time Series Analysis and Applied Machine Learning. ([link](#))

Reinforcement Learning Trading Bot (Python, TensorFlow, AWS)

- Leveraged a Deep Q-Network (DQN) approach that allowed the bot to weigh potential rewards against actions, leading to optimized trading decisions over iterations. ([link](#))