

Diana Mirzoyan

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WORK EXPERIENCE

- **M2M Group** **Moscow, Russia**
Analytics Engineer in the department of core analytics 07/11/2022 – current
- **Yandex** **Moscow, Russia**
Data Analyst of Geo marketing in the department of Yandex.Search 26/07/2021 – 8/10/2022
Sample Tasks:
 - CRM, product and performance analysis, data collection, validation and visualization
 - Audience segmentation methodologies and clusterisation of cities
 - Causal inference: AB-testing, effect evaluation for marketing interventions
 - Geo analysis: ad-hoc developed polygon-based methods
 - Creation of up-to-date user-DWH for CRM system
- **Lomonosov Moscow State University, Faculty of economics** **Moscow, Russia**
Teaching experience (probability theory and statistics) 03/09/2021 – current
- **X5 Retail Group** **Moscow, Russia**
Senior Manager for working with Big Data 20/05/2020 – 26/07/2021
Sample Tasks:
 - AB-testing: effect evaluation and robustness checking with bootstrap
 - Ad-hoc statistical and machine learning tasks
 - Methodology validation of AB-tests, variance reduction techniques implemented
- **Yandex** **Moscow, Russia**
The intern analyst in the department of Yandex.Market 09/10/2019 – 08/04/2020
Sample Tasks:
 - Data collection and visualisation, AB-testing and feature selection for recommendation system

EDUCATION

- Lomonosov Moscow State University** **Moscow, Russia**
Master of Science with Honors, Economics 09/2015 - 06/2019
09/2019 - 06/2021
- **GPA: 4.8 / 5**
- Moscow State School 57** **Moscow, Russia**
Mathematics 2005 – 2015
- **GPA: 4.7 / 5**
- House of Stankevich** **Moscow, Russia**
English School 2006 – 2015

PROFESSIONAL SKILLS

Computer skills: MS Office, Gretl, PySpark, Shell utils, HDFS, Git

Computer languages: Python, SQL, R

Courses: Certificate of «Big Data with BigDataTeam» course from Alexey Draal – 2020

RESEARCH

- Mirzoyan D. (2019). Gender gap as factor affecting standardized mathematical exams (bachelor's thesis).
- Mirzoyan, D., Nikitina, N., Sugaipov, D., & Zamnius, A. (2021). Environmental Performance: Does Social Capital Matter?. *Available at SSRN 3761135*.
- Mirzoyan D. (2021). Efficiency optimization of social transfers: a comparative analysis of approaches. (master's thesis)
- Minasyan, V., Mirzoyan, D., & Sakhnov, A. (2021). Estimation of Average Treatment Effect on Residuals: Bias Derivation. *Available at SSRN 3953160*.

OTHER

Languages: Russian (native), English (advanced), French (B1)

Interests: chess, guitar, economics, literature, philosophy