Artem Volgin

Manchester, UK | +447835950253 | artem.volgin@manchester.ac.uk | artvolgin.github.io

EDUCATION

The University of Manchester   **Manchester**
PhD, Social Statistics   *2021-2024 (expected)*

Higher School of Economics   **Moscow**
MS, Applied Statistics   *2018-2020*

Russian State University for the Humanities   **Moscow**
BA, Social Sciences   *2011-2015*

WORK EXPERIENCE

The University of Oxford   **Oxford**
Research Assistant   *2022*
- Scrapping and matching genealogical profiles of the British elite from different online sources.
- Extracting educational and career trajectories from text data using pre-trained NLP models.

The University of Manchester   **Manchester**
Teaching Assistant   *2022-2023*
- Introduction to Statistics for Economists
- Advanced Social Network Analysis
- Statistical Models for Social Networks

The World Bank   **Moscow**
Data Scientist   *2019-2021*
- Development of novel methodologies to compute returns to degrees and skills: working with Big Data extracted from CVs and vacancies on the job posting site.
- Implementation of a project for the development of extracurricular education in Russia, leveraging spatial statistics and social network analysis based on data linkage from different sources.
- Estimating returns to education in Russia using causal inference techniques.

Russian Public Opinion Research Center   **Moscow**
Data Analyst   *2016-2019*
- Working on projects for marketing companies and nonprofit organizations.
- Analysis of survey data with advanced statistical methods.
- Teaching and mentoring interns.

PUBLICATIONS

- Anastasiadou A., **Volgin, A.**, Leasure, D. War and Migration: Quantifying the Russian exodus through Yandex search trends *(2023)*
- **Volgin, A.**, Gimpleson V. Demand for skills: Analysis Based on the Online-Data about Vacancies. *(2021)*
- Patrinos, H., Parandekar, S., Melianova, E., & **Volgin, A**. Returns to Education in the Russian Federation: Some New Estimates. *(2020)*
- Melianova, E., Parandekar, S., & **Volgin, A**. Returns to Education in the Russian Federation: Towards Evidence Based Decision Making with Fiscal and Private Returns to Education. *(2020)*
- Melianova, E., Parandekar, S., & **Volgin, A**. Returns to Education in the Russian Federation: Variation across regions and implications for policy development in priority regions. *(2020)*

PRESENTATIONS

- War and Migration: Modeling the Russian Exodus with Digital Trace Data.
  9th International Conference on Computational Social Science (IC2S2) *(2023)*
- War and Migration - Quantifying the Russian Exodus with Digital Trace Data.
  Workshop New Data and Methods for Migration Studies at the Paris School of Economics *(2022)*
- How to Win Data Analytics Competitions. MASNA and MDNA Webinar *(2021)*
- Skills demanded by the Labor Market and supplied by Russian universities: An investigations.
  XXII April International Academic Conference on Economic and Social Development *(2021)*
- Policy Interventions and Voluntary Actions for Battling COVID-19.
  The COVID-19 Symptom Data Challenge Showcase Event *(2021)*
- The possibilities of open data for the development of extracurricular education.
  Moscow International Education Fair *(2020)*
- Returns to Education in the Russian Federation: Variation across Regions.
  XXI April International Academic Conference on Economic and Social Development, HSE *(2020)*

DATA SCIENCE COMPETITIONS

- Big Data Derby 2022, NYTHA, NYRA. 4th place - 10,000$. *(2022)*
- 2021 Kaggle ML & DS Survey, Kaggle. 4th place - 5,000$. *(2021)*
- COVID-19 Symptom Data Challenge, Facebook, CMU, UMD. 2nd place - 30,000$. *(2020)*
- CDP - Unlocking Climate Solutions, CDP. 2nd place - 25,000$. *(2020)*
- DS4G: Environmental Insights Explorer, Google. 1st place - 10,000$. *(2020)*
- 2019 Kaggle ML & DS Survey, Kaggle. 2nd place - 8,000$. *(2019)*

SUMMER SCHOOLS & TRAINING

- Oxford Summer School in Economic Networks, Oxford. *(2023)*
- Causal Inference Course for Health and Social Scientists, Leeds *(2023)*
- Essex Summer School in Social Science Data Analysis. Advanced Social Network Analysis. *(2022)*
- Summer Institutes of Computational Social Science, Oxford. *(2022)*
- Essex Summer School in Social Science Data Analysis. Spatial Econometrics. *(2020)*

SKILLS

Programming languages: Python, R
Database management: SQL, MongoDB
Statistical software: STATA, SPSS
Languages: English *(fluent)*, Russian *(native)*