

Skills and Qualifications Summary

- Expertise in Statistics and Machine Learning
- Proficiency in R, Python, SQL, Google Analytics, BigQuery
- Superior analytical and research skills, high attention to details
- Negotiation skills and ability to handle business analyst's tasks related to AI

My background (and PhD) is in Economics and in particular Econometrics and Mathematical Modeling. While working at an IT startup, I became passionate about data analysis and classical machine learning methods. I acquired quite a bit of experience in working with firm-level data, modeling and forecasting time series, and developing analytics for the business intelligence software for Italian ski resorts. At my current job, I am diving into the world of Deep Learning and NLP. Learning new things on a daily basis is what I am enjoying the most about a data science job.

Education

- **Doctoral School of Social Sciences, University of Trento** Trento, Italy
PhD in Economics 11/2010 - 04/2016
– Research interests: Statistical analysis, Mathematical Modeling, International Economics
- **Department of Economics, Lund University** Lund, Sweden
MSc in Economics (graduated with distinction) 09/2008 - 06/2010
– Specialization: International Economics, Econometrics
- **Department of Economics, Belarusian State University** Minsk, Belarus
BSc in Economics 09/2003 - 07/2008
– Specialization: Economics & Analysis

Employment History

- **Altoros Development, AI team** Minsk, Belarus
Junior Data Scientist 04/2018 - present
– Modeling and predicting time-series data series using ARMA models and LSTM network
– R&D on dialog systems for Altoros sales department
– Business analyst's role in a project on PDF documents analysis
- **Department of Economics, University of Trento** Trento, Italy
Postdoctoral research project 05/2017 - 02/2018
– Data analysis (count and time series data)
– Writing technical reports, preparing drafts of articles for publication
- **SRL Skipassgo (Business Intelligence for ski industry)** Trento, Italy
Data Analyst 06/2016 - 05/2017
– Partner with the Information Technology team to develop dashboards, metrics, and new analytics for the business intelligence platform
– Development of end-to-end data analysis solutions (i.e. processing, cleaning and verifying the integrity of data, statistical analysis, visualizations, and predictive modeling of time-series and cross-sectional data)
– Develop customer segmentation models and behavioral analytics
– Automate data extraction, data processing, and daily reporting
– Assistance with the initial set-up of the dynamic pricing engine

Awards & Grants

Trento University Grant for Doctoral Studies	11/2010
The Swedish Institute (SI) Scholarship for Master Studies in Sweden	09/2008-06/2010
National Bank Award for Excellent Academic Results	02/2006-07/2006
2nd Place Diploma in National Mathematical Competition for High School Graduates	2003

Languages

- Russian (native)
- Belarusian (native)
- English (full working proficiency C1)
- Italian (limited working proficiency B2)
- German (intermediate level B1)

Relevant Computer Skills

- MS Office (Word, Excel, Power Point, Outlook)
- Programming languages (R, Python, Matlab, VBA, SQL)
- Data analysis tools (Stata, E-views, R-studio)
- Frameworks (Tensorflow, Keras, BigARTM, DeepPavlov, numpy, pandas, scikit-learn)
- Databases (MySQL, MS Access)
- Other (\LaTeX , R Markdown, Beamer, Google Analytics, Google BigQuery)

Other

Work&Travel student exchange program

New York City, the USA

05/2006 - 08/2006

05/2007 - 08/2007

Coursera courses:

- Data Science Specialization - Johns Hopkins University (2016, completed)
- Machine Learning - Stanford University (currently attending)

Volunteer work:

- Italian-English translator and assistant at the Festival of Economics in Trento (various years)
- Head of the student board of the Department of Economics, BSU (2007-2008)

Permanent EU residence permit

References available upon request