MIKHAIL BALYASIN

PERSONAL INFORMATION

Born in Russia, 12 July 1987

email	mikhail.balyasin@gmail.com
LinkedIn	https://de.linkedin.com/in/mikhailbalyasin
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Work permit	Blue Card
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COMPUTER SKILLS

Machine Learning	Linear regression, logistic regression, NLP (Latent Dirichlet allocation, EM, k-means, kNN), model building, performance evaluation, feature engineering, random forests, xgboost, NNets, keras, TensorFlow
Statistical software	R, Apache Spark (sparklyr), Octave, Python, h2o
Other technologies	LaTeX, Linux, Hadoop, SQL, mongoDB, Amazon S3, PostgreSQL

WORK EXPERIENCE

Jul '18–Present **Head of R engineering**

Civey GmbH

Responsibilities:

- Creating and maintaining architecture of internal R ecosystem.
- Maintaining and developing suite of 7 internal R packages.
- Converting legacy code to handle increased requirements.
- Handling live calculations for civey.com.
- Leading team of 3 data scientists.

Nov '16–Jun '18 **Data scientist**

Feingold Technologies GmbH

Responsibilities:

- Designing scalable, performant algorithms to ensure excellent user experience.
- Working closely with the backend engineers to design and maintain scalable data models and pipelines .
- Analyzing data and creating insightful statistics and reports.

Dec '14–July '17 **Head of Quantitative team in CQAB**

Erasmus Mundus Students and Alumni Association

Course Quality Advisory Board (CQAB) is a volunteer project that is in charge of conducting annual Course Quality Students' Services survey.
Responsibilities:

- Coordination of team of volunteers to analyze quantitative data (10+ people).
- Development of Shiny app (http://tinyurl.com/CQSS2015).
- Automatic report generation for 78 courses (R + knitr).

Dec '15–Aug '16   Analyst, HSE – Moscow

Higher School of Economics

Institute of Education of Higher School of Economics is the leading Russian think-tank focusing on analysis and development of education in Russia.
Responsibilities:

- Coordination of research efforts into MOOCs and online education.
- Data cleaning of survey data.
- Exploratory Data Analysis (EDA) for various units inside of the Institute.
- Preparing actionable memos for senior management of the Institute.

EDUCATION

2013-2015   Research and Innovation in Higher Education

Masters of Science

GPA: 1.69 · marihe.eu
Thesis: Student Typology in MOOCs: Conceptual Framework for Data Analysis
Description: This thesis looked at how one can combine decades of research on Student Typology with the overwhelming amount of data coming out of MOOCs.

2004-2008   Tomsk Polytechnic University

Bachelor of Applied Mathematics and Informatics

GPA: 5.0/5.0 · *With Distinction* · Faculty of Automatics and Computer Science
Thesis: Development of Control System Software for Thermal Field of Long Bar
Description: This thesis combined mathematical model with real-world application via a control system software.

Additional education

Workshops

- "Building Tidy tools" (rstudio::conf2019L). Instructors: C. Wickham, H. Wickham.

Massive Open Online Courses

Selected courses:

- Machine Learning by Stanford.
- The Analytics Edge by MITx.
- Scalable Mache Learning by Berkeley.
- Introduction to Big Data with Apache Spark by Berkeley.
- Machine Learning for Data Science and Analytics by ColumbiaX.

OTHER INFORMATION

Languages

RUSSIAN · Mothertongue

ENGLISH · Advanced (TOEFL iBT 113)

Interests

Swimming · Cooking · Running · Ice Hockey · Hiking · Functional languages (Haskell, Clojure)

March 31, 2019