Maja Guseva

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personal portfolio: https://m-guseva.github.io

Doctoral scientist in the final stage of her PhD. Strong autodidact and analytical problem-solver that finds joy in working with data. Skilled in using Python, MATLAB and R to analyze and apply machine learning models to complex datasets. Eager to kickstart my career outside of academia in a challenging position as data scientist. Excited to apply my statistical and programming skills and prepared to learn what is needed.

Education

Master of Science (M.Sc.) 2016-2018
Cognitive and Clinical Neuroscience
Maastricht University
(GPA: 1.05)

Bachelor of Science (B.Sc.) 2011-2015
Management and Economics
Ruhr University Bochum
(GPA: 1.6)

German Abitur (A-level) 2002-2011
Käthe-Kollwitz-Gymnasium Dortmund
(GPA: 1.4)

Professional Experience

Doctoral researcher (Jul 2019 - present)
Charité Universitätsmedizin Berlin, Germany
- Coordinated and conducted multiple research projects which included planning and scripting scientific studies as well as data collection, data analysis and manuscript writing
- Outcome: 3 publications in high impact journals
- Supervised 2 master students

Research intern (Nov 2017 - Jul 2018)
Center for Cognitive Neuroscience Berlin, Germany
- Executed scientific study (fMRI), collected and analyzed data using MATLAB and Shell scripting

Research assistant (May 2015 - Aug 2016)
Leibniz Institute for Economic Research, Essen, Germany
- Supported study execution and analysis, learned and applied STATA and LaTeX
- Outcome: 1 publication in high impact journal

Skills

Programming
Python (2 y.),
MATLAB (5 y.),
JavaScript/HTML/CSS (2 y.),
R (1 y.),
SQL (1 y.),
Excel (5 y.)

Libraries
pandas, NumPy, matplotlib
scikit-learn, TensorFlow,
network, streamlit

Technical skills
Inferential statistics/ hypothesis testing, statistical modelling, time series, machine learning, experimental design, data visualization, Git version control

Languages:
German, Russian (native); English (fluent, C2); French (intermediate); Ukrainian, Italian (beginner)