MY PHILOSOPHY

"For me, work is most fun when you develop together data-driven solutions and put them into practice – turning insights into impact."

STRENGTHS

Motivation · Curious mindset · Analytical thinking · Problem solving · Communication · Team work

Statistics · Machine Learning · Data Science · Optimization · Modeling

PROGRAMMING

R · Python · SQL

CERTIFICATES (Slctd.)

Machine Learning Specialization
Coursera: DeepLearning.ai

Neural Networks & Deep Learning
Coursera: DeepLearning.ai

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization & Optimization
Coursera: DeepLearning.ai

Practical Time Series Analysis
Coursera: State University of New York

Survival Analysis in R
Coursera: Imperial College London

DOMINIK G. EICHHORN

Your Position or Tagline HERE

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📍 Munich, GERMANY   🌐 dgeichhorn.github.io   in dgeichhorn

EDUCATION

Ph.D. in Statistics
University of the Bundeswehr Munich
📅 May 2022 – Ongoing

M.Sc. Management & Technology   Grade: 1.1
Technical University Munich
📅 Oct 2019 – Apr 2022
Major: Finance, Minor: Computer Science

Exchange Semester
Université Libre de Bruxelles
📅 Sep 2020 – Jan 2021

B.Sc. Mathematics   Grade: 2.0
Technical University Munich
📅 Oct 2015 – Sep 2019
Specialization: Statistics

B.Sc. Economics & Business   Grade: 1.7
Goethe University Frankfurt a.M.
📅 Oct 2012 – Nov 2016

German High School Diploma (Abitur)   Grade: 1.3
Siebold Gymnasium Würzburg
📅 Sep 2004 – Jun 2012

INDUSTRY EXPERIENCE

PwC – Project work in "Predictive Maintenance"
📅 Apr 2021 – Jun 2021   📍 Munich
Manually engineered a machine learning model in R for predictive maintenance and benchmarked several AutoML solutions against it

Allianz SE – Intern in "Business Intelligence"
📅 Jun 2019 – Aug 2019   📍 Munich
- Built an automated competitor monitoring in R for car fleet insurances
- Performed targeted data analysis & visualization in R for stakeholders & senior management

BayernLB – Intern in "Credit Portfolio Risk"
📅 Aug 2017 – Oct 2017   📍 Munich
Supported the testing of the new internal credit portfolio model

ACHIEVEMENTS

🏆 **Top 10% in Master's Program**
Graduated within the best 10% of students in my master's program based on academic performance

🏆 **Abiturpreis der Deutschen Mathematiker-Vereinigung (DMV)**
Awarded for outstanding results in the mathematics Abitur examination

LANGUAGES

German	Native
English	Fluent
French	Basic
Latin	"Großes Latinum"

HOBBIES

Cycling   Cooking   Travelling
Reading   Visiting museums

ACADEMIC EXPERIENCE

Chair of Statistics
University of the Bundeswehr Munich
📅 May 2022 – Sep 2025
Research & Teaching Assistant

Chair of Computational Molecular Medicine
Technical University Munich
📅 Oct 2021 – Apr 2022
Student Teaching Assistant for "Data Analysis & Visualization in R"

Chair of Mathematical Modelling of Biological Systems
Technical University Munich
📅 Oct 2018 – Feb 2019
Student Teaching Assistant for "Applied Regression"

Chair for Strategy & Organization
Technical University Munich
📅 Mar 2018 – Jun 2018
Student Research Assistant

Chair of International Economic Policy
Goethe University Frankfurt a.M.
📅 Sep 2014 – Nov 2014
Student Research Assistant

Chair of Economic Development & Integration
Goethe University Frankfurt a.M.
📅 Mar 2014 – Sep 2014
Student Teaching Assistant for "Introduction to Economics"

PUBLICATIONS