



DOMINIK G. EICHHORN

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Munich, GERMANY

dgeichhorn.github.io

dgeichhorn

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](#)

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
