

JOEL BECK



EDUCATION

since
09/2020

- **Georg – August – University Göttingen**
Master of Science: Applied Statistics
 - Current Average Grade: 1.0 (Top 1%)
 - Focus on Machine Learning & Deep Learning
 - Master's Thesis about Recommender Systems with NLP

03/2020
|
09/2016

- **University of Mannheim**
Bachelor of Science: Business Mathematics
 - Overall Grade: 1.2 (Top 10%)
 - Focus on Stochastics und Optimization

12/2018
|
08/2018

- **University of Oslo**
ERASMUS Study Abroad

07/2015
|
09/2007

- **Ludwigsgymnasium Saarbrücken**
Abitur
 - Overall Grade: 1.0



WORK EXPERIENCE

01/2023
|
11/2022

- **Internship: Data Scientist**
eoda GmbH Kassel
 - Data Preprocessing, Feature Engineering, Modeling and Design/Infrastructure of Projects
 - Blog Posts about the Tidyverse and the Pandas Library

09/2022
|
10/2021

- **Teaching Assistant Göttingen**
Chair for Econometrics

04/2022
|
04/2021

- **Research Assistant Göttingen**
Chair for Statistics
 - Development and Documentation of [Liesel](#), an R & Python Framework for Bayesian Regression Models

06/2020
|
03/2020

- **Internship: Content Creator**
Studybees GmbH Mannheim
 - Development and Teaching of Online Courses
 - Focus on Statistics & Econometrics

2020
|
2018

- **Teaching Assistant Mannheim**
Chair for Probability Theory

CONTACT

✉ joel.beck@stud.uni-goettingen.de

🐙 [joel-beck](https://github.com/joel-beck)

🌐 <https://www.linkedin.com/in/joelbeck07>

PROGRAMMING

Python

Data Analysis with Pandas & Polars

Modeling with Scikit-Learn & PyTorch

NLP with SpaCy, Gensim & Transformers

Student Projects / Packages:

[readnext](#): Hybrid Recommender System for Computer Science Papers

[airbnb-oslo](#): Price Prediction Models for Airbnb Apartments in Oslo

R

Data Analysis + Modeling with Tidyverse & Tidymodels

Student Projects / Packages:

[postforecasts](#): Post-Processing Methods for Covid-19 Forecasts

[asp21bridge](#): Bayesian MCMC Sampler with Ridge Penalty

Utilities

Typescript & Javascript Basics

SQL Databases with SQLite

Backend Development with FastAPI & SQLAlchemy

Git, GitHub Actions & Docker

Writing

Documentation with MkDocs

Blog Posts with Quarto

Scientific Writing with LaTeX

SCHOLARSHIP

Stiftung der deutschen Wirtschaft since 2016