

# JOEL BECK



## EDUCATION

since  
09/2020

- **Georg – August – University Göttingen**  
Master of Science: Applied Statistics
  - Primary Focus: Machine Learning & Deep Learning
  - Secondary Focus: Econometrics

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**  
eoda GmbH Kassel
  - Data Science Intern

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**  
Studybees GmbH Mannheim
  - Preparation and Teaching of Online Courses
  - Focus on Statistics & Econometrics

2020  
|  
2018

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

08/2016  
|  
08/2015

- **Voluntary Year of Social Service**  
Saarländische Sportjugend / TBS Saarbrücken

## CONTACT

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🌐 [joel-beck](#)

## PROGRAMMING

### R

Data Analysis and Visualization with tidyverse packages

Development of two R Packages:

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

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

### Python

Data Analysis and Visualization with NumPy, Pandas, Seaborn & Matplotlib

Machine Learning and Deep Learning with Scikit-Learn & PyTorch

### Command Line

Version Control with Git

Basics of Bash Scripting

### Writing

Tutorials & Documentation with Markdown, RMarkdown & Quarto

Scientific Writing with LaTeX

## LANGUAGES

### English

IELTS Score: 8.0

## SCHOLARSHIP

Stiftung der deutschen Wirtschaft since 10/2016