

JOEL BECK



EDUCATION

since
09/2020

Georg - August - University Göttingen

Master of Science: Applied Statistics

- Machine Learning & Deep Learning
- Econometrics & Time Series Analysis
- Bayesian Statistics

03/2020

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09/2016

University of Mannheim

Bachelor of Science: Business Mathematics

- Overall Grade: 1.2 (Top 10%)
- Focus on Stochastics und Optimization

12/2018

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08/2018

University of Oslo

ERASMUS Study Abroad

07/2015

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09/2007

Ludwigsgymnasium Saarbrücken

Abitur

- Overall Grade: 1.0



WORK EXPERIENCE

09/2022

|
10/2021

Teaching Assistant Göttingen

Chair for Econometrics

- Course Econometrics (Master)

04/2022

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04/2021

Research Assistant Göttingen

Chair for Statistics

- Development and Documentation of [liesel](#), an R & Python Framework for Bayesian Regression Models

06/2020

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03/2020

Internship

Studybees GmbH Mannheim

- Preparation and Teaching of Online Courses
- Focus on Statistics & Econometrics

2020

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2018

Teaching Assistant Mannheim

Faculty of Mathematics

- Course Probability Theory (Bachelor)

08/2016

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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