

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
|
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

since
10/2021

Teaching Assistant Göttingen

Chair for Econometrics

- Course Econometrics (Master)

since
04/2021

Research Assistant Göttingen

Chair for Statistics

- Development and Documentation of the LIESEL Project, a 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

Faculty of Mathematics

- Course Probability Theory (Bachelor)

08/2016
|
08/2015

Voluntary Year of Social Service

Saarländische Sportjugend / TBS Saarbrücken

CONTACT

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🌐 <https://github.com/joel-beck>

PROGRAMMING

R

Data Analysis and Visualization with the tidyverse packages

Development of two R Packages:

asp21bridge: Bayesian MCMC Sampler with Ridge Penalty

postforecasts: Post-Processing Methods for Covid19 Forecasts

Python

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

Machine Learning and Deep Learning with Scikit-Learn & PyTorch

Version Control

Collaboration with Git & GitHub / GitLab

Writing

Text Formatting & Reporting with Markdown, RMarkdown and LaTeX

LANGUAGES

English

IELTS Score: 8.0

SCHOLARSHIP

Stiftung der deutschen Wirtschaft since 10/2016