JOEL BECK

🎓 EDUCATION

since 09/2020

Georg – August – University Göttingen
Master of Science: Applied Statistics

📍 Göttingen, Germany

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

09/2016 — 03/2020

University of Mannheim
Bachelor of Science:
Business Mathematics

📍 Mannheim, Germany

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

08/2018 — 12/2018

University of Oslo
ERASMUS Study Abroad

📍 Oslo, Norway

09/2007 — 07/2015

Ludwigsgymnasium Saarbrücken
Abitur

📍 Saarbrücken, Germany

· 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

03/2020 — 06/2020

Internship
Studybees GmbH Mannheim

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

2018 — 2020

Teaching Assistant Mannheim
Faculty of Mathematics

· Course Probability Theory (Bachelor)

08/2015 — 08/2016

Voluntary Year of Social Service
Saarländische Sportjugend / TBS Saarbrücken

CONTACT

✉ joel.beck@stud.uni-goettingen.de

📞 0171 1858260

🐙 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