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)

04/2022 | 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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📞 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 Covid-19 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