JOEL BECK

🎓 EDUCATION

Georg – August – University Göttingen
Master of Science: Applied Statistics
📍 Göttingen, Germany
since 09/2020

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

University of Mannheim
Bachelor of Science:
Business Mathematics
📍 Mannheim, Germany
09/2016 – 03/2020

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

University of Oslo
ERASMUS Study Abroad
📍 Oslo, Norway
08/2018 – 12/2018

Ludwigsgymnasium Saarbrücken
Abitur
📍 Saarbrücken, Germany
09/2007 – 07/2015

· Overall Grade: 1.0

🖥 WORK EXPERIENCE

Teaching Assistant Göttingen
Chair for Econometrics
since 10/2021

· Course Econometrics (Master)

Research Assistant Göttingen
Chair for Statistics
since 04/2021

· Implementation and Documentation of the LIESEL Project,
  a Python Package for Bayesian Location-Scale Regression Models

Internship
Studybees GmbH Mannheim
03/2020 – 06/2020

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

Teaching Assistant Mannheim
Faculty of Mathematics
2018 – 2020

· Course Probability Theory (Bachelor)

Voluntary Year of Social Service
Saarländische Sportjugend / TBS Saarbrücken
08/2015 – 08/2016

CONTACT

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📞 0171 1858260

⌂ https://github.com/joel-beck

PROGRAMMING

R

Data Analysis and Visualization with `tidyverse` packages

Structuring & Reporting with `R Markdown`

Implementation of two R Packages:

`asp21bridge`: Bayesian MCMC Sampler with Ridge Penalty

`postforecasts`: Collection of Post-Processing Methods for Time Series

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

LANGUAGES

English

IELTS Score: 8.0

SCHOLARSHIP

Stiftung der deutschen Wirtschaft since 10/2016