

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

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

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📞 0171 1858260

PROGRAMMING

R

Data Analysis with `dplyr`

Data Visualization with
`ggplot2`

Statistical Modeling / Machine
Learning

Structuring & Reporting with
R Markdown

Implementation of MCMC
Sampler with Ridge Penalty in
R Package

Python

Data Analysis with `Pandas`

Data Visualization with
`Seaborn` & `Matplotlib`

Machine Learning / 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