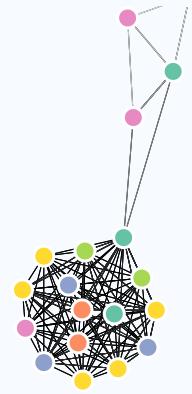# JONATHAN BERRISCH

Specialized in econometrics, highly skilled in R and Python, and currently working in academia, I stand between stats and information technology. I'm now researching probabilistic forecasting. I also enjoy contributing to open-source projects and spreading knowledge by creating meaningful but appealing visualizations.

🎓 EDUCATION

PhD. Candidate, Econometrics
Current | 2020
University of Duisburg Essen
📍 Essen

· Probabilistic forecasting in energy markets

M.Sc., Economics
2020 | 2017
University of Duisburg Essen
📍 Essen

· Graduated with Distinction: 1.2
· Focused on Econometrics
· Gathered experience in R

B.Sc. Economics and Business Administration
2017 | 2013
FernUniversität in Hagen
📍 Remote

· Focused on Monetary Policy and Quantitative Economics

💻 RESEARCH EXPERIENCE

Research Assistant
Current | 2020
University of Duisburg Essen
📍 Essen

· Chair of Environmental Economics and Renewable Energies
  Prof. Dr. Ziel

Research Aide
2019 | 2018
University of Duisburg Essen
📍 Essen

· Chair of Econometrics: Prof. Dr. Christoph Hanck
· Working with R, Latex, Git, SQL
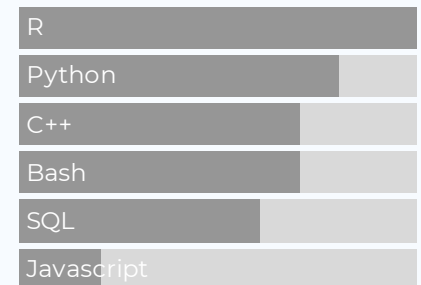· First teaching experience

💼 INDUSTRY EXPERIENCE

Masters Degree Candidate
2020 | 2020
RWE Supply and Trading GmbH
📍 Essen

· Developing forecasting models for European natural gas prices
· Working with Python, Tensorflow, SQL, Git

View this CV online with links at *berrisch.biz/cv*

PERSONAL

⚱ 27.06.1992
📍 Lessingstr. 19
   47226 Duisburg
   Germany
✉ Jonathan@Berrisch.biz
📞 +49 172 2173741
🌐 berrisch.biz
○ BerriJ
BerriJ
💼 University

LANGUAGE SKILLS

R	
Python	
C++	
Bash	
SQL	
Javascript	

DEVELOPMENT TOOLS

Git	
Docker	
Linux	
CI / CD	

2017
|
2015

Working Student
Stepstone.de

📍 Duesseldorf

· Quality Assurance

2015
|
2014

Service Employee
Stadtsparkasse Duesseldorf

📍 Duesseldorf

2014
|
2012

Apprentice
Stadtsparkasse Duesseldorf

📍 Duesseldorf

I gathered industry experience early by studying the bachelors to moonlight.

📑 PUBLICATIONS

2020

Modeling and Probabilistic Forecasting of Natural Gas Prices
arxiv.org

· Jonathan Berrisch, Florian Ziel

2019

Implementation of a Self-Enforcing Network to Identify Determinants of the WiFi Quality on German Highspeed Trains
ThinkMind Library

· Jonathan Berrisch, Timo Rammert, Christina Klüver
· Proceedings of the INTELLI 2019 conference

🖥 CONFERENCES AND WORKSHOPS

2020

International Symposium on Forecasting
Speaker

📍 Remote

· Modeling and Probabilistic Forecasting of Natural Gas Prices

2020

International Ruhr Energy Conference (INREC)
Speaker

📍 Remote

· Data Science Methods for Probabilistic Natural Gas Price Forecasting

2019

INTELLI 2019 – The Eighth International Conference on Intelligent Systems and Applications
Speaker

📍 Rome, Italy

· Implementation of a Self-Enforcing Network to Identify Determinants of the WiFi Quality on German Highspeed Trains

I'm excited about using the unbelievable amount of data we have to create solutions with impact.

2018

The European Union, a union that does not work anymore?
Participant

📍 Brussels, Belgium

· Three-Day Study Trip

2018

The 18th summer workshop: "European monetary policy in practice"
Deutsche Bundesbank

📍 Eltville am Rhein

· Two-Week Workshop on Monetary Policy

☛ VOLUNTARY

Current | 2020

Member of the Student Parliament and Member of the Presidium
University of Duisburg Essen
📍 Essen

2020 | 2019

Committees
University of Duisburg Essen
📍 Essen

· Evaluation committee for Jun. Prof. Dr. Ziel (Student Member)
· Evaluation committee for Jun. Prof. Dr. Beck (Student Member)
· Appointments committee for a new proffessorship in economics
  esp. public finance (Student Member)

2018

Mentor
University of Duisburg Essen
📍 Essen

· Supporting the elementary students of M.Sc. Economics

I like to exchange ideas. Connecting to people is always enriching life culturally and emotionally.