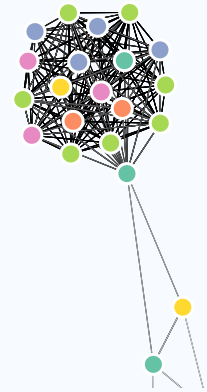# JONATHAN BERRISCH

Specialized in econometrics, highly skilled in R, C++, and Python. 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 and appealing visualizations.

🎓 EDUCATION

Current | 2020

PhD. Candidate, Econometrics
University of Duisburg Essen   📍 Essen

· Probabilistic forecasting in energy markets

2020 | 2017

M.Sc., Economics
University of Duisburg Essen   📍 Essen

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

2017 | 2013

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

· Focused on Monetary Policy and Quantitative Economics

💻 RESEARCH EXPERIENCE

Current | 2020

Research Assistant
University of Duisburg Essen   📍 Essen

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

2019 | 2018

Research Aide
University of Duisburg Essen   📍 Essen

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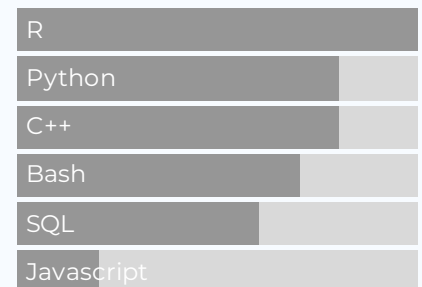· Working with R, Latex, Git, SQL
· First teaching experience

💼 INDUSTRY EXPERIENCE

2020 | 2020

Masters Degree Candidate
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

2022 · **Distributional modeling and forecasting of natural gas prices**

Journal of Forecasting

· Jonathan Berrisch, Florian Ziel

2021 · **CRPS Learning**

Journal of Econometrics

· 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

2021	**International Symposium on Forecasting**	
	Speaker	📍 Remote
	· CRPS Learning	

2021	**European conference on Operational Research**	
	Speaker	📍 Remote
	· CRPS Learning	

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

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

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**
University of Duisburg Essen   📍 Essen

2021 | 2020 ● **Member of the Student Parliament 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 exchanging ideas, connecting to people and shaping the future.