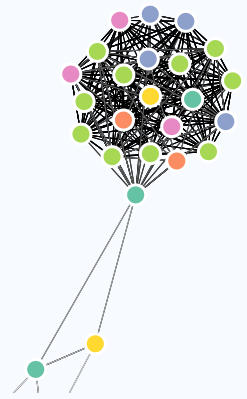


# JONATHAN BERRISCH

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.



View this CV online with links at [berrisch.biz/cv](https://berrisch.biz/cv)

## EDUCATION

- Current | 2020
- **PhD. Candidate, Econometrics**  
University of Duisburg Essen  
• Probabilistic forecasting in energy markets
- 2020 | 2017
- **M.Sc., Economics**  
University of Duisburg Essen  
• Graduated with Distinction: 1.2  
• Focused on Econometrics  
• Gathered experience in R
- 2017 | 2013
- **B.Sc. Economics and Business Administration**  
FernUniversität in Hagen  
• Focused on Monetary Policy and Quantitative Economics

📍 Essen

📍 Essen

📍 Remote

## PERSONAL

🏠 27.06.1992  
📍 Lessingstr. 19  
47226 Duisburg  
Germany  
✉ [Jonathan@Berrisch.biz](mailto:Jonathan@Berrisch.biz)  
☎ +49 172 2173741  
🌐 [berrisch.biz](https://berrisch.biz)  
📱 [BerriJ](#)  
📱 [BerriJ](#)  
📱 [University](#)

## RESEARCH EXPERIENCE

- Current | 2020
- **Research Assistant**  
University of Duisburg Essen  
• Chair of Environmental Economics and Renewable Energies  
Prof. Dr. Ziel
- 2019 | 2018
- **Research Aide**  
University of Duisburg Essen  
• Chair of Econometrics: Prof. Dr. Christoph Hanck  
• Working with R, Latex, Git, SQL  
• First teaching experience

📍 Essen

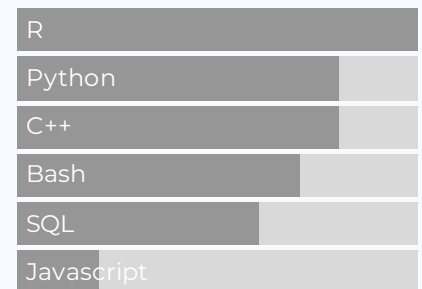
📍 Essen

## INDUSTRY EXPERIENCE

- 2020 | 2020
- **Masters Degree Candidate**  
RWE Supply and Trading GmbH  
• Developing forecasting models for European natural gas prices  
• Working with Python, Tensorflow, SQL, Git

📍 Essen

## LANGUAGE SKILLS



## DEVELOPMENT TOOLS



- 2017  
|  
2015 • **Working Student**  
[Stepstone.de](#) • Quality Assurance • Duesseldorf
- 2015  
|  
2014 • **Service Employee**  
Stadtsparkasse Duesseldorf • Duesseldorf
- 2014  
|  
2012 • **Apprentice**  
Stadtsparkasse Duesseldorf • Duesseldorf



## 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

- 2022 • **UseR! 2022 Conference**  
Speaker • Remote  
• An Introduction to Rcpp Modules
- 2022 • **International Conference on Computational Finance 2022**  
Speaker • Wuppertal  
• Multivariate CRPS Learning with Applications to Electricity Price Forecasting
- 2022 • **15TH RGS Doctoral Conference in Economics**  
Speaker • Remote  
• CRPS Learning
- 2021 • **International Symposium on Forecasting**  
Speaker • Remote  
• CRPS Learning
- 2021 • **European conference on Operational Research**  
Speaker • Remote  
• CRPS Learning

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

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

- 2020 ● **International Symposium on Forecasting** 📍 Remote  
 Speaker  
 • Modeling and Probabilistic Forecasting of Natural Gas Prices
- 2020 ● **International Ruhr Energy Conference (INREC)** 📍 Remote  
 Speaker  
 • Data Science Methods for Probabilistic Natural Gas Price Forecasting
- 2019 ● **INTELLI 2019 - The Eighth International Conference on Intelligent Systems and Applications** 📍 Rome, Italy  
 Speaker  
 • 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?** 📍 Brussels, Belgium  
 Participant  
 • Three-Day Study Trip
- 2018 ● **The 18th summer workshop: "European monetary policy in practice"** 📍 Eltville am Rhein  
 Deutsche Bundesbank  
 • Two-Week Workshop on Monetary Policy



## VOLUNTARY

- Current  
|  
2020 ● **Member of the Student Parliament** 📍 Essen  
 University of Duisburg Essen
- 2021  
|  
2020 ● **Member of the Student Parliament Presidium** 📍 Essen  
 University of Duisburg Essen
- 2020  
|  
2019 ● **Committees** 📍 Essen  
 University of Duisburg Essen  
 • Evaluation committee for Jun. Prof. Dr. Ziel (Student Member)  
 • Evaluation committee for Jun. Prof. Dr. Beck (Student Member)  
 • Appointments committee for a new professorship in economics esp. public finance (Student Member)
- 2018 ● **Mentor** 📍 Essen  
 University of Duisburg Essen  
 • Supporting the elementary students of M.Sc. Economics

I like exchanging ideas,  
connecting to people and  
shaping the future.