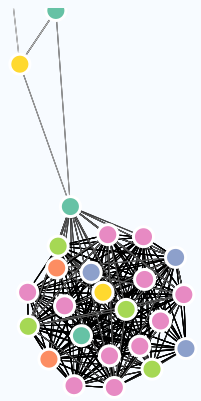


JONATHAN BERRISCH

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
• 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

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

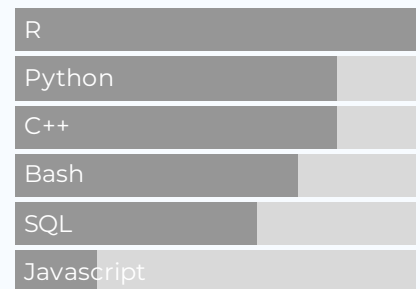
PERSONAL

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

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

LANGUAGE SKILLS



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

DEVELOPMENT TOOLS



- 2017
|
2015 ● **Working Student**
[Stepstone.de](#) 📍 Duesseldorf
• Quality Assurance
- 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 ● **International Symposium on Forecasting**
Speaker 📍 Oxford
• High-Resolution Peak Demand Estimation Using Generalized Additive Models and Deep Neural Networks
• Best Student Presentation Award
- 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

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.

- 2021

International Symposium on Forecasting
 Speaker
 • CRPS Learning

Remote
- 2021

European conference on Operational Research
 Speaker
 • CRPS Learning

Remote
- 2020

International Symposium on Forecasting
 Speaker
 • Modeling and Probabilistic Forecasting of Natural Gas Prices

Remote
- 2020

International Ruhr Energy Conference (INREC)
 Speaker
 • Data Science Methods for Probabilistic Natural Gas Price Forecasting

Remote
- 2019

INTELLI 2019 – The Eighth International Conference on Intelligent Systems and Applications
 Speaker
 • Implementation of a Self-Enforcing Network to Identify Determinants of the WiFi Quality on German Highspeed Trains

Rome, Italy
- 2018

The European Union, a union that does not work anymore?
 Participant
 • Three-Day Study Trip

Brussels, Belgium
- 2018

The 18th summer workshop: “European monetary policy in practice”
 Deutsche Bundesbank
 • Two-Week Workshop on Monetary Policy

Eltville am Rhein



VOLUNTARY

- 2022
|
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
 • 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)

Essen
- 2018

Mentor
 University of Duisburg Essen
 • Supporting the elementary students of M.Sc. Economics

Essen

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