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

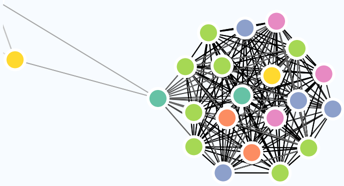
INDUSTRY EXPERIENCE

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

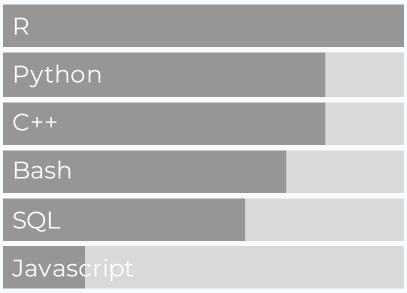


View this CV online with links at
berrisch.biz/cv

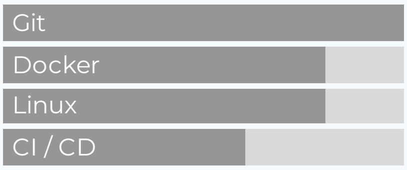
PERSONAL

27.06.1992
Lessingstr. 19
47226 Duisburg
Germany
Jonathan@Berrisch.biz
+49 172 2173741
berrisch.biz
BerriJ
BerriJ
University

LANGUAGE SKILLS



DEVELOPMENT TOOLS



2017
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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

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

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

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.

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.

Last updated on 2022-02-27.

Source: github.com/BerriJ/cv.