

# JAKOB NORDEMAN

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## PROFESSIONAL EXPERIENCE

- Present  
|  
Aug '20
- **Research Analyst**  
European Central Bank 📍 Frankfurt, Germany
    - Developing a data platform that is now widely used by colleagues and members of the Executive Board. Apart from extensive data mining with R, the project entails basic web development using HTML and CSS.
    - Supporting the preparation of the Chief Economist's presentations on the economic outlook to the ECB Governing Council.
    - Contributing to research notes on topics related to inflation.
- Aug '20  
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Aug '19
- **Data Analyst, Trainee**  
European Central Bank 📍 Frankfurt, Germany
    - Developed internal R-packages to facilitate (i) data retrieval, (ii) data wrangling and (iii) data visualisation.
    - Migrated work-flows from Excel and VBA to R, Tableau, and GIT.
    - Part of different learning initiatives that aimed to close existing knowledge gaps in the field of data science.
- Jun '19  
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Feb '19
- **Equity Analyst, Part-time**  
ABC Sundal Collier 📍 Stockholm, Sweden
    - Maintained and developed financial models in Excel and VBA.
- Feb '19  
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Nov '17
- **Financial Controller, Student Analyst**  
Nordea 📍 Copenhagen, Denmark
    - Daily controls on investment funds; data retrieved using VBA and SQL.
- Sep '17  
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Jun '17
- **Investment Banking Analyst, Intern**  
Landesbank Baden-Württemberg 📍 Stuttgart, Germany
    - Worked in German with ongoing transactions and pitch presentations.

## RESEARCH

- 2021
- **Prices for travel during the COVID-19 pandemic: is there commonality across countries and items?**  
Published as part of the [ECB Economic Bulletin, Issue 1/2021](#)  
Liz E, Nordeman J
- 2020
- **Inflation measurement in times of economic distress**  
Published as part of the [ECB Economic Bulletin, Issue 3/2020](#)  
Kouvavas O, Trezzi R, Goldhammer B, and Nordeman J

## TEACHING

- 2020
- **Instructor in Data Science**  
European Central Bank 📍 Frankfurt, Germany
    - Introduction to ggplot2
    - Advanced ggplot2
    - Introduction to data.table
    - Introduction to shiny
- 2018
- **Teaching Assistant in Quantitative Methods**  
Copenhagen Business School 📍 Copenhagen, Denmark
    - Provided exercises for seminars to third-year undergraduate students. The models covered include (i) multiple regressions, (ii) binary outcome (iii) maximum likelihood estimation and (iv) panel regressions.

## EDUCATION

### M.Sc in Applied Economics and Finance

Copenhagen Business School  
2019

### B.Sc in Business and Economics

Lund University  
2017

## PROGRAMMING

📊 R 📦 tidyverse  
🔑 Git 📄 Markdown  
🗄 SQL 📊 VBA

## SKILLS

Data Visualisation  
Data Wrangling  
Quantitative Analysis  
Automation  
Basic Web Development

## INTERESTS

Adventuring  
Sports

## LANGUAGES

Swedish (Native)  
English (Fluent)  
German (Intermediate)  
Danish (Intermediate)

*Last updated on 2021-04-02.*

*Made in R using [pagedown](#).*