

# CV

**Espen Rostrup**

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## EDUCATION

**The University of Copenhagen**, *Master's degree in Social Data Science*, 2020-2022

The master's degree programme in Social Data Science combines state-of-the-art data science techniques, including machine learning, predictive analytics and natural language processing with core sociological, economic, anthropological, political science and psychological theories and methods. Hence, I have gained competencies that allow me to identify, assess and solve societal and business problems using all sorts of data.

Master's thesis: "Exploring Danish court rulings using quantitative methods: The evolution of the Danish legal language and predicting who is to pay the cost of a trial". Grade: 12 (A).

**The University of Copenhagen**, *Bachelor's degree in Economy*, 2015 – 2019

Bachelor thesis: "Do the Danish mayors' party affiliation influence the actual conducted policies in the Danish municipalities? A quasi-experimental study of Danish municipality elections in the period 1985-2001". Grade: 12 (A).

**Helsingør Gymnasium**, 2010 - 2013

## PAID WORK

**Department of Sociology**, *Student assistant*, 2021 - 2022

I worked on a research project on solidarity and volunteering in the corona crisis for Assistant Professors Jonas Toubøl and Hjalmar Bang Carlsen (see [here](#)).

**Incentive**, *Junior Consultant*, 2019, *Consultant* 2019 – 2021

I have worked on several different kinds of data-driven projects in Incentive, e.g. optimising the public train and bus schedule to minimise connection time, creating a database with prices of medical products from different countries retrieved online using Python, create a dataset that is to be used for minimising travel time for Danish pilots across Denmark and so on. Furthermore, I have improved my coding skills in Python and Visual Basic for Applications.

**Center for Politiske Studier (CEPOS)**, *Research Assistant*, 2016 - 2019

As a student in CEPOS, I have gained a broad understanding of political processes, communication of political messages and a basic understanding of data analysis in STATA and R.

**Tibberupskolen**, *Substitute Teacher*, 2013 - 2016

## VOLUNTEER WORK

**Member of the study board**, Institute of Economics, 2019

As a study board member, I worked to improve the BA and MSc Economics study program and the study environment.

**Economists Without Borders**, *teacher and consultant*, 2015 - 2017

Economists Without Borders is a project-oriented NGO which primarily consists of Economics students. I have been engaged in "Styr din gæld" (Control Your Debt) where I taught high school students about handling their debt (mostly preventing "bad" debt).

**Musikteatergruppen Ragnarock**, *member of the board*, 2011 - 2016

**Andelsboligforeningen Blekingehus**, *member of the board*, 2017 –

## REFERENCES

Contact information is handed out upon request.

## SKILLS

### Language:

- Danish (mother tongue)
- English (professional)

### Programming languages:

- Advanced: Python (libraries: PyTorch, sci-kit-learn, beautiful soup, pandas, Plotly (dash)), VBA
- Intermediate: STATA
- Basic: C++, Git, R, SAS, SQL, HTML, CSS

### Other software:

- Advanced user of all standard Microsoft Office applications.
- Tableau (Intermediate), Alteryx (Basic)

## ABOUT ME

I am a newly graduated social data scientist with a background in economics. I am especially good at finding new ways to approach a complex problem and knowing which steps to take to see a project through.

I live with my girlfriend and our daughter. We are moving to Oslo in September since my girlfriend got a PhD-position at the University of Oslo. When not changing diapers, I play guitar or piano and go for sporadic runs.