Emil Bellamy Begtrup-Bright

CV

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Education

2013–2017	**MA in Sociology**, *Department of Sociology, University of Copenhagen.*
2013	**Basic traning, carpentry**, *Copenhagen Technical College.*
2008–2012	**BA in Sociology**, *Department of Sociology, University of Copenhagen.*
2007	**Conscript, firefighter**, *Danish emergency Management Agency.*
2003–2006	**High school Diploma**, *Ordrup Gymnasium.*

Work experience

2021-2024 PhD Fellow, *Department of Organization, Copenhagen Business School.*

- Research Project: Careers through Complex Networks (e.g. NetCareers)

  Reference: Lasse Folke Henriksen
  Associate Professor,
  +45 3096 4252 | lfh.ioa@cbs.dk

2020 Research Assistant, *University of Oslo - Department of Sociology and Human Geography.*

- 1 month of employment with the following task: Fuzzy matching of the Norwegian company register ("Brønnøysundregistret") 1995-2019 (~2 mio. obs.) with all persons with politically elected offices in Norway 1970-2019 (~15.000 obs.)
- Developed functions/algorithms based on fuzzy matching and regular expressions to match unique persons based on incomplete and inconsistent names, middle name initials, birthdays etc.
- Delivered report in Rmarkdown with matching-rates and missing values in order to infer the succes-rate of the matching.

  Reference: Maren Toft,
  Postdoctoral Researcher,
  +47 22855143 | marento@sosgeo.uio.no

2020 Consultant, *Bodydox/Ouch I/S.*

- Developed survey as part of the marketing research of potential customers.
- Analysis of potential demographical customer groups.

  Reference: Klavs Tarp, CEO,
  Ouch / Bodydox https://ouch.dk/
  +45 4085 1716 | klavs@ouch.dk

2018-2020 Research Assistant, *Department of Organization, Copenhagen Business School.*

- Extensive experience with big data in R and the data.table package, using the Statistics Denmarks wideranging data on the Danish population between 1980-2017. This included data wrangling, analysis of missing data, data visualization, knowledge of labour markets and, knowledge of the nomenclature of the international labour classification scheme (ISCO) and more. Especially focused on the Danish labour market.
- Data processing of massive amounts of unordered natural language text from Kraks Blå Bog (The Danish "Who's Who"), in order to understand the development of the Danish econmic elites over the last 110 years.
- Developed and taught the R exercises in the course "Firm strategies in a network perspective"(course by associate professors Lasse Folke Henriksen and Christoph Ellersgaard).
- Developed and taught the R exercises in the summer school course "Communicating Insight: Data visualization with statistical programming"(course by assistant professor Anton Grau Larsen).
- Developed and taught the webscraping-focused R exercises in the course "Digital Society - Analyzing Corporate Networks Using Digital Methods"(course by associate professors Lasse Folke Henriksen and Christoph Ellersgaard).
- A variety of smaller datahandling projects, ranging from creation of large amounts of plots for visual inspection of models, to fuzzy matching of names from the CVR register (company administrative data) to our research team's "Danish elite database".
  Reference: Lasse Folke Henriksen
  Associate Professor,
  +45 3096 4252 | lfh.ioa@cbs.dk

2019 **Consultant**, *The Policy Institute Democratic Business Network.*

- Identified companies that had special type of employee-bonds , by using tax records of said employees with adminstrative data from Statistics Denmark and thereby inferring which companies had employy-programs with these special types of shares.
- After identification, doing the descriptive statistics for a report describing these companies relative to the other companies. This included he economic performance, social compostion and industrial sectors that said firms operate in.
  Reference: Magnus Skovrind Pedersen,
  CEO with responsibility for press and external relations,
  +45 2395 1130 | magnus@demokratiskerhverv.dk

2017-2018 **Data Analyst Officer**, *The Ministry of Children and Social Affairs.*

- Conducted several projects involving 10-36 years of data on the Danish population, including a report on the gender difference in pension funds, which was requested by the Danish Parlament and the effect on the educational levels and incomes of children from different types of families and wether these families had been broken up during childhood.
- Extensive experience with the Statistics Denmarks data on the Danish population, using R, SAS and the proc SQL queries possible from within SAS.
  Reference: Andreas Klein Eriksen,
  Head of Office at the Department of Analysis,
  +45 2395 1130 | aer@sm.dk

Course of relevance

Year	
2019	**Course i SAS programming**, *SAS Institute Denmark*, Copenhagen().
2012	**Econometry B**, *Department of Economics, University of Copenhagen.*
2013	**Social Networkanalysis**, *Department of Sociology, University of Copenhagen.*
2014	**Explorative and confirmatory factoranalysis**, *Department of Sociology, University of Copenhagen.*
2012	**Webbased surveys and design of questionaires in Limesurvey**, *Department of Sociology, University of Copenhagen.*
2011	**Concepts of surveys og questionaires**, *Department of Sociology, University of Copenhagen.*
2010	**The logic of controlling for confounders in statistics**, *Department of Sociology, University of Copenhagen.*
2014	**Genderfied numbers. A critical view on quantitative methods with focus on gender on body.**, *Department of Sociology, University of Copenhagen.*

Work experience as student and internships

2010-2013 Course Tutor - Quantiative Methods I+II, *Department of Sociology, University of Copenhagen.*

- Tutor for three years. The two topics are the foundational quantitive courses on the Bachelor in Sociology.
- Teaching classes with 30-40 students, in a team with six tutors. The goal of the teaching was the mathematical foundations and practical use of statistcs in sociology and the social sciences.

  Reference: Lars Pico Geerdsen,
  Director of Kraks Fond – Institute for Urban Economic Research.
  +45 5363 5919 | lpg@kraksfond.dk

2013-2014 Course Tutor - The Danish Society in Sociological Perspectives, *Department of Sociology, University of Copenhagen.*

- The purpose of this course was to give the student a sociological perspective on the historical development of the Danish society, with a focus on the welfare state as an outcome of historical struggles throughout the 19th and 20th century, as well as assesments and reasons for marginalization processes in Denmark today.

  Reference: Jørgen Elm Larsen,
  Professor,
  +45 3532 3266 | jel@soc.ku.dk

2012 Student employee, *Department of Economics, University of Copenhagen.*

- Complete survey on the employment status and skill sets of Ph.D. graduates from the Department of Economics. This included survey design, deployment of the survey on a webserver to the relevant population, as well as analyzing the data and writing the report to the Head of the Department.

  Reference: Hans Kristian Kongsted,
  Professor at Copenhagen Business School
  +45 3815 2941 | hck.ino@cbs.dk

2012-2013   **Internship**, *The parliamentary group of The Red-Green Alliance, Christiansborg.*

- Large survey of the voters interested in voting for the party. Conducted survey design, deployment of survey in coordination with Gallup, and the analysis and writing of a report for the parliamentary group of the party.

  Reference: Pelle Dragsted,
  MEP for The Red-Green Alliance.
  +45 4272 4317 | kontakt@pelledragsted.dk

2010   **Student employee**, *Center for Mobility Research,* Aalborg University, Ballerup.

- Worked on a project about the reasons for dropout rates in vocational schools in Denmark. Assistance with method design and exploration of possible datasources for the project.

  Reference: Martin D. Munk,
  Professor, Department of Political Science at Aalborg University
  +45 940 2335 | mdm@dps.aau.dk

2014   **Student employee**, *FAOS - Employment Relations Research Centre, Department of Sociology, University of Copenhagen.*

- Student employee at a registrydata project about the effekt of eastern european employment and the effect on Danish wages after the expansion of the EU in 2004.
- worked on the adminstrative data from Statistics Denmark on employment and wages.

  Reference: Jens Arnholtz, Associate professor,
  FAOS - Employment Relations Research Centre
  Department of Sociology, University of Copenhagen
  +45 3532 3214 | jh@faos.dk

2012   **Student employee**, *SFI*, Nyhavn, København.

- Student employee on a project concerning the life quality of elders living in nursing homes in Denmark. The project was funded by the Ministry of Social Affairs.
- conducted the datacollection, descriptive statistics and factoranalysis (PCA) on the project.

  Reference: Tine Rostgaard, Associate professor,
  Department of Political Science at Aalborg University
  +45 9940 2650 | tr@dps.aau.dk

Relevant voluntary work

2010-2013   **Member of the Study Board**, *Department of Sociology, University of Copenhagen.*

- Very engaged in the Study Board at the Institute and the Student council. Have been part of the accreditation of the institute in 2011, the transition from SPSS to Stata in 2010, the committee for selection of the "Quota 2"applicants in several years, and several other projects.

2011-2012   **Member of the Council of the Institute**, *Department of Sociology, University of Copenhagen.*

- represented the students in Council of the institute, as part of my engagement with student politics