

Mathias Bruun, Social Data Scientist

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I am a political scientist turned data scientist. This breadth of experience reflects my tenaciously inquisitive spirit and my unbridled eagerness to improve the world around me using cutting-edge tech. My expertise lies in leveraging advanced analytics to produce actionable knowledge and in being able to communicate effectively to both technical and non-technical stakeholders. Although mostly a numbers guy these days, I have previously done competitive gymnastics and published several works of fiction in Danish.

Professional experience

Co-Founder & Social Data Scientist – It depends March 2023 – Present

- Delivering strategic business impact through human-centred quantitative insights.

Project Associate, Data Scientist – Advice September 2020 – February 2023

- Provided insights to 35+ clients across a wide range of industries using analytics and machine learning.
- Built custom in-house NLP tools for large-scale mapping and analysis of trends in online discourse.
- Developed automated reporting functionality, improving time efficiency by an estimated 40%.
- Maintained 79% billable hours and worked full-time for two semesters while finishing my studies.
- Independently headed teams of junior colleagues and upskilled them in statistical methods.
- Entrusted with presenting analyses to C-level executives alongside senior colleagues.
- Appointed working environment representative.

Student Assistant – Agency for Digitisation, Danish Ministry of Finance September 2018 – October 2020

- Worked across various divisions, performing quantitative analyses and writing cases.
- Supported the practical implementation of an agency-wide BI system.

Academic qualifications

MSc, Social Data Science – University of Copenhagen GPA: 11.7 | Thesis: 12 August 2021 – Present

- Specialised in causal inference, language modelling and computational behavioural research.

BSc, Political Science – University of Copenhagen GPA: 9.7 | Thesis: 12 August 2017 – January 2021

- Thesis placed in top 5% ever assessed by Deputy Head of Dept. and deemed worthy of peer review.

STX, social science – Holstebro Gymnasium & HF GPA: 12.9 | Thesis: 12 August 2013 – July 2016

- Obtained the TestDaF diploma for academic proficiency in German.
- Editor-in-chief of the school magazine, 'Oculus'.

Creative writing – Danish Talent Academy August 2012 – July 2015

- Studied creative writing and performance, supervised by Danish and international artists.

Academic publications

- Bruun, Mathias (2023). *A Generalised Approach to Scaling Political Actors with Embedding Representations*. Preprint.

Leadership

Chairman of the Board – The Political Science Revue September 2018 – September 2020

- Responsible for managing more than a hundred volunteers, besides performing on-stage myself.
- Carried out stakeholder management and fundraising to meet our annual budget of 0.5 million DKK.

Selected skills and interests

- Programming languages:** Python, R, SQL.
- Interpersonal skills:** Cross-functional teamwork, public speaking, negotiation.

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- **Hobbies:** Literature and writing, world history, travelling.