JACOB HEIN

graduate economist and data scientist

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experience

Data Scientist
KMD, Data Driven Solutions

📅 September 2021 – Present   📍 Aarhus, Denmark

- Developing, deploying and maintaining machine learning solutions for various public and private customers

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Junior Economist
Danmarks Nationalbank, Financial Statistics

📅 March 2020 – August 2021   📍 Copenhagen, Denmark

- Production of external securities, investment and pension funds statistics with SQL controls and R (Shiny) dashboards

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Junior Analyst
Jyske Bank, Investment Management

📅 March 2019 - March 2020   📍 Silkeborg, Denmark

- Development of dashboards in R (Shiny) for analysis of macro-economic, financial and ESG data

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Math Teacher
Aarhus Business College

📅 Sep. 2018 - July 2019   📍 Aarhus, Denmark

- Taught high school-level mathematics and business economics to more than 90 students

skills

- **SQL**, **R/Shiny**, **Python**, **Java**, **MS Azure**
- Written and spoken fluency in **English** & **Danish**
- Teamplayer, comfortable working independently

education

M.Sc., Economics
University of Copenhagen

📅 September 2019 – June 2021

B.Sc., Computer Science
Aarhus University *(part-time)*

📅 September 2021 – June 2024

B.Sc., Mathematics & Economics
Aarhus University

📅 September 2016 – June 2019

personal

- Mountainbiking, watersports and board games with friends and family
- Studying the latest deep learning and natural language processing research
- History and geopolitics nerd

extras

- **Danish Defence** (*Forsvaret*): Completed basic military training (*Værnepligt*) in the logistics regiment of the Royal Danish Army. One of the best experiences of my life.
- **Association of Mathematics-Economists**: Elected chairman of the board for our student association at Aarhus University. Organized events like company visits and school parties.