

Thore Petersen

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EXPERIENCE

Institute for International Economic Studies, Stockholm University

Sept 2020 – Present

PhD candidate

Stockholm, Sweden

- Showed that the **electrification potential** of manufacturing firms is **larger** than estimated in prior literature
- Developed and **structurally estimated** an economic model of electricity and fossil fuel use in production
- Acquired access to and cleaned **confidential** German manufacturing census **microdata** to study energy use
- Engaged in **critical** and **constructive** discussions in research seminars and internal workshops
- Sharpened analytical skills through **advanced coursework** in economics, econometrics, and mathematics
- Organized internal PhD student seminar and conference with 10 regular attendees
- Applied for and was awarded a total of **SEK 600,000** in research and travel grants from multiple foundations
- Working Papers: [Can the plants turn green?](#), Financial frictions and aggregate risk exposure

Deutsche Bundesbank (Central bank of Germany)

April 2020 – July 2020

Intern Directorate General Statistics

Frankfurt/Main, Germany

- Developed, implemented, and deployed **webscrapers** for prices (implemented in R with `rvest` and `Selenium`)
- **Automated** daily collection and pre-processing of **1.5M+ data points** on product prices from online retailers
- Devised and tested ML classifiers to process data for **high-frequency inflation measurement** (`h2o` library in R)

Kiel Institute for the World Economy

April 2018 – Dec 2019

Research Assistant to profs. Christoph Trebesch and Ulrich Schmidt, part-time

Kiel, Germany

- Compiled, cleaned, and analyzed a **cross-country panel** dataset comprising economic and political variables
- Implemented and deployed a numerical simulation of saving behavior on **high-performance computing** cluster
- Cleaned, analyzed, and visualized data from economic experiments using R and `ggplot2`

Kiel University

May 2015 – April 2018

Research Assistant to prof. Till Requate, part-time

Kiel, Germany

- Planned, installed, and system-administered the Kiel Experimental Economics Laboratory (42 workstations)
- Implemented and led economic experiments, including an international multi-period online public goods game

EDUCATION

Stockholm University

Sept 2020 – June 2026 (expected)

PhD in Economics

Stockholm, Sweden

- **Coursework:** Macroeconomics, Microeconomics, Econometrics, Causal Inference, Mathematics, Numerical Methods, Climate Macroeconomics, Political Economics, Continuous Time Finance, Trade Economics
- Visiting Researcher at **Yale University** in New Haven, CT, USA (Spring 2024)

Kiel University

Oct 2017 – March 2020

M.Sc. in Quantitative Economics

Kiel, Germany

- **Best-in-class;** Specialized in Statistics, (Time-Series) Econometrics, and Data Science (50/120 ECTS)

Kiel University

Oct 2013 – March 2017

B.Sc. in Economics (Volkswirtschaftslehre)

Kiel, Germany

- Specialized in Macroeconomics and Macro-finance

SKILLS

Software R, \LaTeX (proficient); Julia (advanced); Python, SQL, git (basic); Claude Code
Languages English (fluent), German (native), Swedish (conversational), French (basic)