

GERRIT STAHN, PH. D.

Economist & Data Enthusiast | Translating Data into Insights

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📍 Vancouver, BC

in Gerrit Stahn

GStahn

🌐 gstahn.de

PROFESSIONAL SUMMARY

- Data Analyst and Economist with 6+ years of experience turning large datasets (8M+ records) into actionable insights through statistical modelling, dashboards, and data storytelling.
- Skilled in developing and optimizing data pipelines and ensuring data quality.
- Strong communicator and collaborator with experience presenting analyses to audiences of up to 200 people and working across diverse teams.
- Strong background in economic modelling pipelines (R, Excel, Stata) and scientific communication — from peer-reviewed publication to executive briefings.
- Passionate about the intersection of data and creativity, with a keen interest in applying analytics to the music and entertainment industry.
- Detail-oriented and collaborative with working rights for Canada.

EXPERIENCE

Quantitative Economist

MLU Halle - Chair of Empirical Microeconomics

📅 May 2019 – May 2026

📍 Halle (Saale)

- Designed and managed data pipelines (R, Python) for ingesting, cleaning, analyzing, and visualizing large-scale datasets (8M+ observations).
- Performed deep-dive analyses on policy and behavioural datasets, applying regression, synthetic control, and forecasting techniques.
- Coordinated cross-functional teams and organized large-scale events, leading a team of 14 staff for a 400+ participant conference.
- Developed decision analytic models and briefing materials to communicate complex statistical findings to non-technical stakeholders, including policymakers and health system partners (audiences up to 200).
- Prepared manuscripts for scientific publication and executive reports for dissemination to collaborating institutions and external partners.

Research Assistant

MLU Halle – Chair of Econometrics & Chair of Microeconomics

📅 Jun. 2015 – Apr. 2019

📍 Halle (Germany)

- Performed statistical modelling, data processing, and quantitative analyses on multi-level and panel datasets to support institutional research projects.
- Produced data visualizations, structured summary tables, and reports using Excel, R, and Microsoft Office Suite.

MY STRENGTHS

Critical thinking Motivator & Leader

Resilient Project Management

Data Analytics Forecasting

Reporting Decision Support

WORKING STYLE

- Strong attention to detail when reviewing quantitative information, reports, and analytical outputs.
- Reliable and accurate in handling data, documentation, and complex analytical tasks.
- Experienced in conducting thorough evaluations and follow-up analyses to support decision-making.
- Comfortable working independently while collaborating effectively with diverse stakeholders.
- Committed to producing high-quality, evidence-based work with a strong focus on accuracy and due diligence.

ANALYTICAL TOOLS

R SQL Python Stata Excel

Git Hugo (Static Website Generator)

EDUCATION

PhD in Economics

MLU Halle

📅 Dec 2021 – June 2025, Grade: 1.3, A equivalent

MSc in Empirical Economics

MLU Halle | University of Amsterdam

📅 Oct 2016 – May 2019

BSc in Economics

MLU Halle

📅 Oct 2012 – Sep 2016

LANGUAGES

German



English



PROJECTS (SELECTION)

Dashboard for Ranking German Districts

[on GitHub](#) | [Website](#)

- Developed an **interactive Shiny dashboard** that translates **complex regional data** into an accessible, user-driven ranking tool.
- Integrated **40+ district-level indicators** covering **economy, infrastructure, housing, environment, demographics, public services, and regional quality-of-life factors**.
- Built **transparent scoring logic** that allows users to **adjust indicator weights** and define whether each variable should affect **rankings** positively, negatively, or neutrally.
- Added a **second-stage drill-down ranking** that ranks municipalities within a selected district using the same **index logic**.
- Automated **top-20 rankings, visualizations, and reproducible outputs** into a **responsive reporting dashboard** designed for **self-service use**.

Team Management & Randomization Application

[on GitHub](#) | [Website](#)

- Built a **password-protected R Shiny application** for managing participant lists and assigning selected individuals to a configurable number of balanced teams.
- Designed the app for **practical operational use cases**, including **experiments, university seminars, workshops, sports groups, and stakeholder-oriented sessions**.
- Added **validation logic** for captains, duplicate assignments, inconsistent inputs, and accidental removal of active participants to **strengthen data integrity**.
- Enabled **manual post-randomization adjustments, team export, and PDF reporting** to support **recurring operational use** beyond one-time analysis.

Personal Website & Project Portfolio

[on GitHub](#) / [gstahn.de](#)

- Built and maintained a **personal static website** to present **academic background, data projects, publications, reviews, and professional contact information** in a structured portfolio format.
- Implemented the site using **Hugo, Markdown, and a customized Beautiful Hugo theme**, hosted through **GitHub Pages** with a custom domain.
- Self-written **reviews of financial literature** and more.
- Organized **content in German and English**, demonstrating clear **technical documentation, reproducible site structure, and version-controlled content management**.

RESEARCH

- For a full list of peer-reviewed publications, working papers, and ongoing research projects, please visit my [personal website](#).

SOCIAL ENGAGEMENT



SC 261 Halle (Saale) e.V. (volleyball club)

- Created an **R Shiny application** to **streamline player management** and ensure **balanced team assignments**, enhancing **training session quality**.
- Participation in weekly trainings and games.



Kixx'n'Trixx Table Football Halle e.V.
(table soccer club)

- **Chairperson** (Sep 2019 – Jan 2025)
 - **Revitalized the club post-COVID** by securing a new venue and increasing membership by 44%.
 - **Planned and organized** multiple local and supra-regional tournaments.



Akademischer Börsenkreis, Universität Halle e.V. (Student Investment Club)

- **Chairperson** (Jun 2015 – Jun 2016)
 - Focused on **financial markets, investing, and capital market education**.
 - **Organized seminars and guest lectures** covering **investment strategies, stock market fundamentals, and economic developments**.
 - **Coordinated networking events** involving students, professionals, and external speakers from the **finance sector**.
 - **Managed club activities, event planning, stakeholder communication, and promotional initiatives**.
- Active participant in regular discussions of **equity markets, investment opportunities, macroeconomic developments, and market trends**.

Hobbies



Boxing



Gaming



Hiking



Chess



Skiing