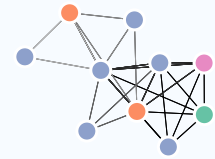# SIMON STEIGER

I develop interactive visualization platforms to empower patients, doctors and industrial partners. With a strong background in psychology and statistical modeling, I am able to communicate complicated scientific data concisely and comprehensibly.

🎓 EDUCATION

2022
|
2019

MSc. Psychology
Mannheim, GER   📍 University of Mannheim

- Thesis: Comparing inter- and intraspecific learning trajectories in two Ara species using Bayes Factors.
- Focus project: Bayesian methods for hierarchical data.
- Minor: Philisophy of Science.

2019
|
2015

BSc. Psychology
Mannheim, GER   📍 University of Mannheim

- Thesis: Measuring reflection in innovative and classical teaching formats: A cognitive pretest on the HAREBE reflection sub scale.
- Focus project: The influence of affective states on time perception.
- Minor: Computer Science

💼 INDUSTRY EXPERIENCE

Present
|
2022

R Shiny developer
Stockholm, SWE   📍 Karolinska University Hospital

- Developed and published an R Shiny app to communicate data from the Swedish Rheumatology Quality Register to industrial partners.
- Created user-friendly parameterized reports on public health surveillance data in rheumatology using R Markdown and LaTeX.
- Currently developing an R Shiny app to empower patients and clinicians with data from the Swedish Rheumatology Quality Register.

💻 RESEARCH EXPERIENCE

2022
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2020

Statistician
Nuremberg, GER   📍 Nuremberg Hospital

- Prepared, analyzed, visualized and communicated data with R and R Markdown for scientific publications in the health sector.
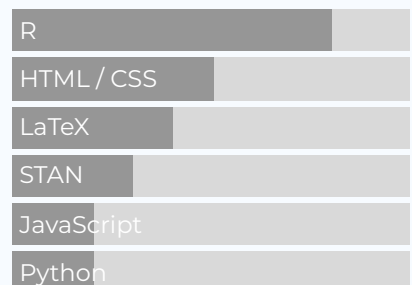
CONTACT

✉ simon.j.steiger@gmail.com
simonsteiger
in/simonsteiger

LANGUAGE SKILLS

R
HTML / CSS
LaTeX
STAN
JavaScript
Python

2022
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2022

● **Research Assistant**

Lund, SWE 📍 Lund University

· Gathered and analyzed data on rhythmic behavior in chimpanzees.
· Attended an international conference on rhythmic behavior in animals.

2022
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2016

● **Research Assistant**

Mannheim, GER 📍 University of Mannheim

· Programmed, conducted, and helped in the analysis of several research projects.
· Evaluated the validity of two questionnaires.

2020
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2020

● **Research Assistant**

Puerto de la Cruz (Tenerife), ESP 📍 Max Planck Institute

· Designed two cognitive experiments on rule learning and risk-sensitivity in neotropic parrots.
· Independently collected data.

2019
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2019

● **Research Assistant**

Mannheim, GER 📍 GESIS Leibniz Institute

· Conducted cognitive interviews and analyzed results, which I presented to the client.

2018
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2018

● **Research Assistant**

Mannheim, GER 📍 University of Mannheim

· Conducted cogntive interviews to evaluate a new questionnaire tool as part of my bachelor thesis.

🖥 TEACHING EXPERIENCE

2022
|
2021

● **Guest Lecturer on Statistical Inference**

Remote 📍 DFKGT e.V.

· Held a lecture series on applied statistical inference in the health sector.