

# Simon David Lindner

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📍 Vienna, Austria

🔗 [Google Scholar](#)

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## Education

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**Medical University of Vienna**, Complex Systems

- Dissertation: Data-driven approaches to healthcare analytics, multimorbidity networks, and wastewater-based epidemiology.

Vienna, Austria  
Sept 2020 – Mar 2026

**University of Vienna**, Physics

- Thesis: Thermodynamics of systems with emergent structures.

Vienna, Austria  
Apr 2017 – Sept 2020

**University of Vienna**, Physics

- Thesis: Methods for van der Waals Corrections in Ab Initio Molecular Dynamics.

Vienna, Austria  
Oct 2012 – Apr 2017

**ETH Zürich**, Undergraduate Studies

Zürich, Switzerland  
Sept 2010 – June 2012

## Experience

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**SUSTech-ETH Institute of Risk Analysis, Prediction & Management (Risks-X)**, Research Associate

- Analyzing longitudinal legal data to construct dynamic language networks, tracking semantic shifts and structural evolution over time.

Austria (Remote)  
Jan 2026 – present  
2 months

**Leto Space GmbH**, Data Scientist

- Designed and evaluated machine-learning models for information extraction from unstructured data.

Vienna, Austria  
Aug 2024 – Mar 2025  
8 months

**Complexity Science Hub Vienna / Medical University of Vienna**, Researcher (Complex Systems & Computational Health)

- Member, Austria's COVID-19 Forecasting Committee: developed wastewater-based and short-term epidemic forecasts that informed national public health decisions.
- Analyzed electronic health records to map multimorbidity networks, uncovering gender-specific associations and socioeconomic health disparities.
- Built privacy-preserving analytics for international collaborations using synthetic data generation and federated learning.

Vienna, Austria  
Oct 2020 – Oct 2024  
4 years 1 month

## Skills

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**Python**

**Data Engineering**

**Tools**

**Visualization**

**Statistical Modeling**

**Machine Learning**

**Deep Learning**

**NLP & LLMs**

**Network Science**

# Languages

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**German**

Native speaker

**English**

Fluent