



Anton Luis Lechuga

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EDUCATION

TU WIEN

M.SC. DATA SCIENCE

Oct 2022 – May 2026 | Vienna, AT
High-Performance Computing • Deep Learning • Statistics • Causal Inference

LMU MUNICH

SUMMER SCHOOL COMPUTATIONAL SOCIAL SCIENCE

July 2023 | Munich, DE
Network Analysis • Text Analysis

UNIVERSITY OF KONSTANZ

B.A. POLITICS AND PUBLIC

ADMINISTRATION

Aug 2018 – Jun 2022 | Konstanz, DE
Causal Inference • Bayesian Statistics • International Relations

UPPSALA UNIVERSITY

EXCHANGE SEMESTER, ERASMUS+

Aug 2020 – Jan 2021 | Uppsala, SE
Conflict Research • Development Studies
• Political Theory

SKILLS

PROGRAMMING

Experienced:

Python • R • SQL • TypeScript

Familiar:

Go • PHP • HTML/CSS • Java • Rust • Julia

TOOLS/TECHNOLOGIES

DevOps & Cloud:

Docker • Terraform • Azure • Git • CI/CD

Machine Learning & Data:

PyTorch • JAX • Spark

Databases & Web:

PostgreSQL • Svelte

LANGUAGES

German (native) • English (C2)

Spanish (C1) • Italian (C1) • French (B1)

INTERESTS

Sports: Marathon, Yoga

Music: DJing, Flute, Sound Design

Learning: Reading, Mathematics

EXPERIENCE

VIENESSE CONSULTING | DATA SCIENCE CONSULTANT / CLOUD & DATA ENGINEER

Mar 2024 – Present | Vienna, AT

- Architected, implemented, and operated an Azure-based AI platform for three production client deployments, with a focus on GDPR, the AI Act, and automated infrastructure using Terraform, Docker, and GitHub Actions.
- Built a full-stack assessment tool with Svelte, Go, PostgreSQL, and Azure to capture client systems and data flows, perform rule- and LLM-based evaluation, and generate reports.
- Designed and implemented data pipelines with SQL, PySpark, Databricks, and Microsoft Fabric for ERP, production, CRM, and API data as a basis for dashboards, KPI reporting, and forecasting.

TU WIEN | FULL-STACK DEVELOPER

Mar 2023 – May 2024 | Vienna, AT

- Modernized an institute website with a job portal for students and administration by replacing legacy code structures, introducing version control, and reducing manual processes.
- Refactored PHP backend logic and rebuilt the MariaDB data structure, including authentication, form logic, and data validation in coordination with institute leadership.

GIM BERLIN | DATA ANALYST INTERN

Apr 2021 – Oct 2021 | Berlin, DE

- Developed automated data processes with SQL, Python, pandas, NumPy, and R for coding, cleaning, transforming, and validating survey, panel, and consumer data.
- Implemented client-facing Shiny dashboards for automotive, retail, and healthcare projects, including KPIs, significance testing, and forecasts for quantitative study results.

UNIVERSITY OF KONSTANZ | RESEARCH AND TEACHING ASSISTANT

Sep 2019 – May 2022 | Konstanz, DE

- Led weekly statistics and empirical social research tutorials for 20 to 80 students.
- Prepared data, conducted statistical analyses, and coordinated quantitative research processes in an interdisciplinary research group on political inequality.

PROJECTS & ENGAGEMENT

- **Causal Discovery Benchmark:** Benchmark for OOD robustness of deep-learning models for causal graphs, including evaluation of model performance, uncertainty, and scalability on GPU clusters.
- **Machine Learning for Material Simulation:** Fine-tuning EquiformerV2 models for SrTiO₃ surface reconstructions to predict energies and atomic forces.
- **Cultural Engagement:** University Theatre Konstanz: organization, marketing, and acting. United Nations Association Konstanz: planning debates and Model UN formats. PS L'Equipe: sports events for 100+ people, acting, and hosting international evening programs.