Katinka Lennemann

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PROFESSIONAL EXPERIENCE

San Mateo County Sustainability Department

Climate Protection Team Intern   Jun. 2025 - Aug. 2025

- Built spatial map in ArcGIS to identify high impact sites for EV chargers by integrating electric grid load capacity, charger density, and demographic data
- Used Excel to created dashboard of performance metrics for 15 clean energy incentive programs, identifying trends to inform future program design and funding allocation
- Supported data-driven evaluation of school decarbonization by inventorying over 100 methane-fueled appliances across 12+ school sites to estimate greenhouse gas savings

Global Nomads Group

Curriculum Coordinator   Jun. 2023 - Dec. 2024

- Coordinated development of a climate change curriculum on water management and land subsidence, informed by data and policy research and field-tested in 100+ California schools
- Synthesized research from academic literature and interviews with USGS geologists, tribal governments, water managers, and frontline communities into clear, evidence-based materials for a general audience
- Reviewed outputs for accuracy and consistency, incorporating field-test feedback to refine content and maintain alignment with program objectives

Each Green Corner

Data Evaluation Intern   Feb. 2023 - Jun. 2023

- Transformed disconnected raw data to a live summary metrics and visualizations page
- Conducted analysis on site performance trends and wrote actionable reports on how to improve operations

EDUCATION

University of California, Los Angeles

B.S. Applied Mathematics, B.S. Statistics & Data Science - GPA: 3.8

- Relevant coursework: Statistical Models and Data Mining, Computation and Optimization in R, Foundations of Environmental Policy and Regulation, Applied Numerical Methods
- Academies of Social Entrepreneurship Alumni: conducted market research and analyzed large public school datasets to pitch a new business venture for California Youth Services (CYS), an mental health nonprofit

VOLUNTEERING

California Youth Services

Data Management & Processing   Jul. 2025 - Present

- Developing back-end forms and workflow reports in Apricot Social Solutions to streamline data entry and reporting

California Youth Climate Policy Leadership Program

Mentor   Aug. 2022 - Present (seasonal)

- Providing mentorship and guidance to California high schoolers on carrying out climate policy campaigns

SKILLS AND TOOLS

Technical: R, Excel, Python, SQL, Power BI, Google Workspace, Microsoft Office, ChatGPT
Languages: English (native), Mandarin (fluent)