Stefan Rose

Résumé

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Experience

Spring 2022 – Present
Earth Scientist, *Pacific Northwest National Laboratory*, Portland, OR.
Produce innovative research products and deliverables that speak to national priorities relating to global climate change, grid decarbonization, energy justice and equity. Provide technical assistance and reports to assist government agencies and other laboratory sponsors in accomplishing energy and climate goals.

Spring 2021 – Spring 2022
Senior Analyst, *Evergreen Economics*, Portland, OR.
Performed in-depth research and data analysis to support a variety of client projects including energy program evaluations, metered energy usage comparison, and survey response summarization. Provided integrated static and web-mapping GIS solutions tailored to client needs. Utilized novel and industry-standard statistical modeling approaches to survey analysis and billing impacts.

Fall 2018 – Summer 2019
Interconnection Representative, *Sunrun Inc.*, San Luis Obispo.
Acted as a company liaison to regional electrical utility clients in order to efficiently and effectively facilitate residential solar interconnection and other project operations tasks.

Fall 2017 – Fall 2018
Orientation Board Member, *New Student & Transition Programs*, California Polytechnic State University, San Luis Obispo.
Interviewed, hired, and managed a staff of 50 student leaders. Actively developed and executed leadership development programming in the training of approximately 900 student orientation leaders. Simultaneously created and implemented orientation programming for over 5,000 new students and supporters.

Education

Fall 2019 – Spring 2021
M.S. Geography, *Oregon State University, Corvallis*.
Research focus in climate risk and coastal climate adaptation mechanisms. Thesis work involving spatial econometric modeling and measurment techniques of migration networks and housing markets with climate hazards. Worked as a Teaching Assistant offering in-class and online instruction in a variety of disciplines.

Fall 2014 – Spring 2018
B.S. Environmental Management, *California Polytechnic State University, San Luis Obispo*.
Emphasis in Climate Change Science and Geospatial Technologies.
Graduated *cum laude*.

Skills

- GIS Mapping Software: ArcGIS, QGIS, Google Earth Engine, RStudio
- Programming Languages: Proficient in R, JavaScript, Python, SQL
- Spoken Languages: English, Spanish (Proficient)
- Statistical software: R, Stata, Microsoft Excel
- Document processing: LaTeX, Microsoft Office