

Vivan Malkani

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

San Francisco, CA

Associate

Vivan Malkani recently joined E3 after completing his master's degree in Management Science and Engineering at Stanford University. His coursework focused on data science and econometrics, along with different forms of engineering-economic analysis. At E3, Vivan primarily focuses on climate pathways and electrification projects with state agencies and utilities developing either economy-wide or sector-specific emission reduction plans.

Before graduate school, Vivan completed his undergraduate studies in political science at Stanford, with extensive coursework in political economy and development. His interest in impact evaluation has carried through to his work on energy and climate policy, where he hopes to contribute to an evidence-based transition towards sustainability and equity. His past work experience includes a fellowship at the Natural Resources Defense Council, where he worked on modeling residential sector decarbonization measures in California; his past research experience has focused on energy efficiency, utility adoption of new technologies, and the socio-economic impacts of climate change.

Stanford Law School

Stanford, CA

Research Assistant

June 2019 – June 2020

- Developed econometric model to examine relationship between state-ownership and adoption of clean energy technologies amongst energy utilities worldwide
- Constructed dataset after researching ownership structure of prominent energy utilities, state incentives for clean energy adoption, renewable energy cost curves, etc.

Stanford School of Engineering

Stanford, CA

Teaching Assistant

January 2020 – June 2020

- Served as teaching assistant for introductory energy systems class for undergraduate and graduate students
- Served as teaching assistant for interdisciplinary energy seminar

Near Zero

Stanford, CA

Research Assistant

December 2018 – April 2019

- Worked with research organization that focuses on legal, technical and policy analysis of climate change mitigation policies.
- Contributed to research on greenhouse gas accounting, emission leakage and resource shuffling associated with California climate policies.

Natural Resources Defense Council

San Francisco, CA

Schneider Fellow

Summer 2018

- Worked with Climate and Clean Energy team on building decarbonization, integrated resource planning and renewable energy procurement.
- Developed a technical potential and economic analysis model to analyze energy savings, emission reduction potential and payback period of residential electrification measures

Education

Stanford University

M.S. in Management Science and Engineering

Stanford, CA

June 2020

Stanford University

B.A. in Political Science

Stanford, CA

June 2019

Citizenship

India