Ethan Goode

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WORK EXPERIENCE

Federal Reserve Bank of San Francisco   **01/2021 – Present**
Research Associate   *San Francisco, CA*

- Coding lead on co-authored research project, designing replicable code in R to project forward estimates of climate damages using a dynamic panel estimator.
- Built a data pipeline for processing daily county-level weather data spanning 1950 to 2019 alongside annual county-level economic data within the Bank's cloud computing platform.
- Designed and automated a method for scraping country-level annual temperature projections across an ensemble of models and a variety of climate scenarios from the KNMI climate explorer using RSelenium.
- Simulated a dynamic, global model of crop-level agricultural production, consumption, and trade calibrated using granular spatial data on climate, soil, and water resources in MATLAB.
- Wrote a solution for seasonally adjusting data with the Census Bureau's X-13ARIMA-SEATS tool via Stata, and cooperated with the Bank's CPS data team to develop an internal seasonal adjustment procedure.

Federal Reserve Bank of Dallas   **06/2020 – 08/2020**
Research Intern   *Dallas, TX*

- Worked alongside a research economist to develop topical scenarios and analysis under a Ricardian framework of trade.
- Implemented cutting-edge, structural trade models in MATLAB with the ability to characterize how tariff policy affects multi-sector economies with sectoral linkages.

COMPUTER & SOFTWARE EXPERIENCE

- R - tidyverse, rselenium, sf, ggmap
- Stata
- SQL - SQL*Plus

- Python - pandas, numpy, beautifulsoup
- MATLAB

PUBLICATIONS & WORKING PAPERS

Projecting The Impacts of Rising Temperatures: The Role of Macroeconomic Dynamics
with Stephie Fried and Gregory Casey; IMF Economic Review (revision requested)

- Estimated the effect of temperature and temperature change on the growth rate of total factor productivity in order to study the significance of permanent and temporary damages to GDP growth.

Fiscal Multiplier at the Zero Bound: Evidence from Japan
with Zheng Liu and Thuy Lan Nguyen; FRBSF Economic Letter

- Estimated the differential impact of fiscal stimulus on Japan's macroeconomy under near-zero and "normal" interest rate regimes via the local projections estimator.

EDUCATION

University of Houston   **Fall 2020**
B.S. Economics, Mathematics minor (3.89 GPA)   *Houston, TX*

- Notable Classes: Econometrics I (graduate-level), Probability, Stochastic Processes, Real Analysis