

# Pranay Gundam

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Economics Department  
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## Education

PhD in Economics, **University of Minnesota**, 2025 —  
BS in Economics and Mathematical Sciences, **Carnegie Mellon University**, 2019 — 2023  
BS in Computational Finance, **Carnegie Mellon University**, 2019 — 2023

## Prior Experience

**Federal Research Bank of New York**, Research Analyst with Marco Del Negro, 2023 — 2025  
**Carnegie Mellon University**, Undergraduate Research Analyst for Burton Hollifield, 2021 — 2022

## Fields of Interest

**Economics** Trade, Growth, Empiric Methods  
**Computing** Quantum Computing, Machine Learning

## Research

### *Publications*

Del Negro, Marco and Diagne, Ibrahima and Dogra, Keshav and Gundam, Pranay and Lee, Donggyu and Pacula, Brian, Tradeoffs for the Poor, Divine Coincidence for the Rich (April 01, 2025). **FRB of New York Staff Report** No. 1147  
Del Negro, Marco, Keshav Dogra, Aidan Gleich, Pranay Gundam, Donggyu Lee, Ramya Nallamotu, and Brian Pacula. 2024. "The NY Fed DSGE Model: A Post-COVID Assessment." **AEA Papers and Proceedings** 114: 95–100.

### *Technical Articles and Comments*

Marco Del Negro, Keshav Dogra, Pranay Gundam, Donggyu Lee, and Brian Pacula, "On the Distributional Consequences of Responding Aggressively to Inflation," **Federal Reserve Bank of New York Liberty Street Economics**, July 3, 2024  
Marco Del Negro, Keshav Dogra, Pranay Gundam, Donggyu Lee, and Brian Pacula, "On the Distributional Effects of Inflation and Inflation Stabilization," **Federal Reserve Bank of New York Liberty Street Economics**, July 2, 2024  
Richard Crump, Marco Del Negro, Keshav Dogra, Pranay Gundam, Donggyu Lee, Ramya Nallamotu, and Brian Pacula, "The New York Fed DSGE Model Perspective on the Lagged Effect of Monetary Policy," **Federal Reserve Bank of New York Liberty Street Economics**, November 21, 2023  
Richard Crump, Marco Del Negro, Keshav Dogra, Pranay Gundam, Donggyu Lee, Ramya Nallamotu, and Brian Pacula, "A Bayesian VAR Model Perspective on the Lagged Effect of Monetary Policy," **Federal Reserve Bank of New York Liberty Street Economics**, November 21, 2023

Marco Del Negro, Pranay Gundam, Donggyu Lee, Ramya Nallamotu, and Brian Pacula, “The New York Fed DSGE Model Forecast— September 2023,” **Federal Reserve Bank of New York Liberty Street Economics**, September 22, 2023

#### *Authored Software*

DSGE.jl, <https://github.com/FRBNY-DSGE/DSGE.jl>

## Teaching

Introduction to Machine Learning ([10-301/601](#)), **Carnegie Mellon University**, Spring 2023

Introduction to Machine Learning ([10-301/601](#)), **Carnegie Mellon University**, Fall 2022

Differential Equations ([21-260](#)), **Carnegie Mellon University**, Spring 2022

Differential Equations (21-260), **Carnegie Mellon University**, Fall 2022

Differential Equations (21-260), **Carnegie Mellon University**, Spring 2021

## Honors, Awards and Fellowships

2025          Warwick Fellowship, University of Minnesota

2023          Phi Beta Kappa, Carnegie Mellon University

2021          Omicron Delta Epsilon, Carnegie Mellon University

2020          Porges Summer Research Fellow, Carnegie Mellon University

## Seminars and Conferences

2025          **Conferences**      NBER Summer Institute

## Skills, Interest, and Other

**Coding**                  Python, Julia, R, C, SQL, Java, Numpy, SMLNJ, QGIS, Matlab

**Data Clearances**      Special Sworn Status Research (U.S. Census Bureau)

**Interests**                Soccer, Cooking, Science Fiction