

# Pranay Gundam

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Economics Department  
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## Education

PhD in Economics, **University of Minnesota**, 2025 — Present  
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** Quantitative Spatial, Monetary, Growth  
**Computing** Quantum Computing, Machine Learning

## Research

### *Publications*

Marco Del Negro, Ibrahima Diagne, Keshav Dogra, Pranay Gundam, Donggyu Lee, and Brian Pacula. 2025.  
“Tradeoffs for the poor, divine coincidence for the rich.” **Journal of Economic Dynamics and Control** ISSN  
0165-1889.

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](#), [Fall 2022](#)  
Differential Equations ([21-260](#)), **Carnegie Mellon University**, Spring 2022, Fall 2022, Spring 2021

## Honors, Awards, and Fellowships

2025	<a href="#">Warwick Fellowship</a> , 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	<b>Conferences</b>	NBER Summer Institute
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## Skills, Interest, and Other

<b>Coding</b>	Python, Julia, Matlab, R, C, SQL, SMLNJ, Java, QGIS
<b>Data Clearances</b>	Special Sworn Status Research (U.S. Census Bureau)
<b>Interests</b>	Soccer, Cooking, Science Fiction, <a href="#">Blogging</a>