Evan Majic

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Education

Northwestern University
M.A. in Economics (2022)
Ph.D. in Economics (In Progress)

Princeton University
A.B. in Economics (2020)
Summa Cum Laude

Experience

Federal Reserve Bank of Chicago
Visiting Researcher (Fall 2024)

Northwestern University Department of Economics
Research Assistant for Prof. Lawrence J. Christiano (Summer 2022–Present)

Citigroup
*Investment Banking Analyst, Financial Strategy and Solutions Group
(Summer 2020 – Summer 2021)*
*Investment Banking Summer Analyst, Financial Strategy and Solutions Group
(Summer 2019)*

Federal Reserve Board of Governors
Intern, Division of Research and Statistics (Summer 2018)

Office of Rep. Jim Cooper
Intern (Summer 2017)

Research

Thinking Big: Solving Large-Scale Heterogeneous-Agent Models
in Sequence Space
with Adrien Auclert, Matthew Rognlie, and Ludwig Straub
- Designs methods that use the quasi-Toeplitz structure of sequence-space Jacobians to provide fast and accurate solutions to heterogeneous-agent models of previously intractable scale
- Applies methods to an open-economy HANK model with many countries and realistic trade networks and a regional heterogenous-agent model with capital mobility and endogenous migration decisions

Forecasting with HANK
- Constructs a medium-scale HANK model to understand the micro- and macro-level factors most relevant to forecasting aggregate variables
- Incorporates micro-data and evaluates forecasting performance against RA equivalents and VARs

Shocks and the "Great Inflation"
- Quantitative exploration of the impact of oil shocks and monetary shocks on aggregate fluctuations in the United States from the 1960s to the 1980s
- Develops methods for Bayesian inference on historical decompositions with external instruments and missing data

Equilibrium Determinacy and Regime-Switching (In Progress)
with Lawrence J. Christiano

Skills

R, Python, C++, Matlab, Dynare, LaTeX, Julia, Stata, SAS

**Awards &
Fellowships**

Northwestern Graduate Fellowship (2021 – Present)

Attendee, Stanford Big-Data Initiative in International Macro-Finance (2024)

Scholar, Duke University Summer Institute on the History of Economics (2022)
Burton G. Malkiel *64 Senior Thesis Prize in Finance (2020)