# Arnav Sood

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Ph.D. Student in Economics, Carnegie Mellon University

## Personal

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Citizenship: US Citizen, Canada PR

## Interests

Macroeconomics, Computational Economics, Computational Econometrics

## Education

*(In-Progress) Ph.D. Economics, Carnegie Mellon University*

B.A. Mathematics, New York University — 2018

## Employment

Predoctoral Fellow, Univeristy of British Columbia — 2018–2020

Lead Developer, QuantEcon — 2019–2020

Prior Experience — 2014–2018

- Research Assistant to Laura Veldkamp
- Economics Research Intern, Office of the Comptroller of the Currency
- Intern, Morgan Stanley Bank, N.A.

## Working Papers

"Exploiting Symmetry in High-Dimensional Dynamic Programming." (With Mahdi Ebrahimi Kahou, Jesús Fernández-Villaverde, Jesse Perla)

## Software

`Expectations.jl`: Expectation operators for distribution objects using Gaussian quadrature.

`InstantiateFromURL.jl`: Bind Jupyter notebooks to web-hosted dependency TOML.

## Other Writing

Optimal Stopping and Linear Complementarity. (With Jesse Perla.) QuantEcon Notes.

- Computational Appendix.

Customer Feedback (Secondhand Alchemical Goods). Daily Science Fiction.