

# Arnav Sood

February 2022

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

Ebrahimi Kahou, M., Fernández-Villaverde, J., Perla, J. & **Sood, A.** *Exploiting Symmetry in High-Dimensional Dynamic Programming* Working Paper 28981 (National Bureau of Economic Research, July 2021). <http://www.nber.org/papers/w28981>.

## 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.

## **Grants and Awards**

William Larimer Mellon Fellowship, Carnegie Mellon	2021
Presidential Honors Scholar, New York University	2014
National Merit Scholarship Finalist	2014

## **Talks, Panels, and Presentations**

2020: JuliaCon
2022: ASSA “What Can AI Do in Economics?”

## **Teaching**

Guest Lecturer, University of British Columbia
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## **Other Activities**

Volunteer Tech Support, Free Geek Vancouver
Volunteer Teacher, Splash! (Various Universities)