

# Arnav Sood

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Ph.D. Student in Economics, Carnegie Mellon University

## personal

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## 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.  
NBER Working Paper.

## software

**Expectations.jl**

**InstantiateFromURL.jl**

## other writing

**Optimal Stopping and Linear Complementarity.**

With Jesse Perla. *Computational Appendix.*

**Customer Feedback (Secondhand Alchemical Goods).**

*Microverses Review.*

## grants and awards

William Larimer Mellon Fellowship, CMU 2021

Presidential Honors Scholar, NYU 2014

National Merit Scholar Finalist 2014

## talks, panels and presentations

2020: JuliaCon

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

## teaching

Guest Lecturer, UBC 2018–2020

## activities

Volunteer Tech Support, Free Geek Vancouver

Volunteer Teacher, Splash! (Various Universities)