

Ph.D. Student in Economics, Carnegie Mellon University

personal

Office: Tepper Quad 4218B, 4765 Forbes Ave., Pittsburgh 15213
Email: arnavs@cmu.edu
GitHub: [arnavs](#)
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.
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

invited meetings 2022: NBER Student Workshop on Heterogeneous-Agent Macro

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