

Nathan Lazarus


nlazarus@mit.edu


+1 (303) 579-9807

305 Highland Ave, Apt 2

Somerville, Massachusetts 02144

nathanlazarus.com

 github.com/NathanLazarus

 [linkedin.com/in/nathanlazarus](https://www.linkedin.com/in/nathanlazarus)

EDUCATION

M.A.Sc., Data, Economics and Development Policy, MIT	2022
Micromasters Credential, Data, Economics and Development Policy, MIT (Prerequisite for admission into the master's program)	2018
B.A., Economics, University of Colorado Minor in political science	2017

EXPERIENCE

Teaching Assistant, MIT Aug. 2022–
Cambridge, MA

Teaching assistant for the PhD field course in development economics, 14.771

Gave recitations, created and graded problem sets, held office hours

Focused on applied econometrics tools relevant to the class (Matthias Cattaneo's RDD tools, new differences-in-differences estimators, weak IV robust inference)

Also covered theoretical models: the Ben-Porath model of human capital accumulation, life-cycle savings, and present bias

Research Assistant, Simon Jäger, MIT and IZA Jan. 2022–
Cambridge, MA

Worked on the revision of "How Substitutable Are Workers? Evidence from Worker Deaths" (part-time during the semester)

Developed a structural model to estimate replacement costs from the empirical results

Working on theoretical models of sectoral bargaining using cooperative game theory

Research Assistant, Kenneth Judd, Hoover Inst., Stanford Univ. Jan. 2020–Dec. 2021
Stanford, CA

Solved dynamic programming models in climate economics and industrial organization in parallel

Helped develop a new solution method for dynamic stochastic problems

Research Assistant, Mordecai Kurz, Stanford University Jul. 2019–Dec. 2021
Stanford, CA

Assisted with writing and analysis for the book *Market Power in the Age of Technology*, forthcoming from Columbia University Press

Solved general equilibrium models with firm dynamics, conducted empirical work to measure monopoly wealth, and wrote literature reviews looking into policy responses to rising market power

Consultant, Interfolio Sep.–Nov. 2021
Washington, DC (remote)

Used statistical techniques to help an education technology company identify potential customers (part-time)

Research Assistant, H. Woody Brock Aug.–Sep. 2020
Gloucester, MA (remote)

Proofread and edited a book on political philosophy (part-time)

Research Assistant, Abraham Sofaer, Hoover Inst., Stanford Univ. May 2018–July 2019
Stanford, CA

Wrote policy briefs on U.S.-Iran relations and disputes in the South China Sea

Legislative Intern, State Representative Dave Young Jan.–May 2014
Denver, CO

Researched and compiled reports on bills and policy proposals

Field Organizer, Democratic Political Campaigns June 2012–Nov. 2014
Boulder, CO

Organized for the Obama campaign (2012), an education funding ballot initiative (2013), and Next Gen Climate’s effort to support Mark Udall (2014)

Student, ”Are You Smarter than a Fifth Grader” July 2007–Apr. 2008
Los Angeles, CA

Appeared in 41 episodes, in which adults “cheated” off of my answers to trivia questions

RESEARCH

Presentations:

Dynamic Games and HTCondor, Society for Computational Economics June 2022
Dynamic Games and HTCondor, UZH Computational Economics Workshop Dec. 2021

ACADEMICS

Graduated college at 19
A.P. National Scholar

SKILLS

Data Analysis and Programming: I have used for research:

Stata R (data.table) Mathematica
MATLAB Python Fortran

Presentation: Proficient with L^AT_EX (including B_BT_EX and Beamer)