

Paolo Adajar

ECONOMICS · POLICY · EDUCATION

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Education

Massachusetts Institute of Technology

Cambridge, MA

CANDIDATE FOR S.B. IN MATHEMATICAL ECONOMICS (14-2) WITH MINOR IN PUBLIC POLICY (17)

Sep. 2017–May 2021

- GPA: 5.0/5.0, Burchard Scholar, Committee on the Undergraduate Program

Research

MIT Sloan School of Management

Cambridge, MA

ECONOMICS RESEARCH INTERNSHIP WITH DR. ERNST BERNDT AND DR. RENA CONTI

Mar. 2018–Present

- “**The Surprising Hybrid Pedigree of Measures of Diversity and Economic Concentration**”, NBER Working Paper #26512, presented at Society for Economic Measurement Conference (Aug. 2019), NBER Productivity Lunch (Sep. 2019), EMG Workshop (Nov. 2020)
- Calculated concentration indexes for atorvastatin market and reviewed literature of market concentration, inequality, and diversity

J-PAL Southeast Asia

Cambridge, MA

ECONOMICS RESEARCH INTERNSHIP WITH DR. GABRIEL KREINDLER, DR. BEN OLKEN, DR. REMA HANNA, AND DR. ARYA GADUH

May 2020–Jul. 2020

- Design HDF5 database system to enable user-level analysis of 200GB of cellphone location from devices in Jakarta
- Develop webscraping interfaces in Python to query, impute, and test accuracy of over 70 million travel queries from multiple APIs

University of Nevada, Reno

Reno, NV

ECONOMICS RESEARCH INTERNSHIP WITH DR. MARK PINGLE

Sep. 2014–Nov. 2017

- “**Values: How do they Contribute to Economic Success?**”, published in Journal of Organizational Psychology (2018, Vol. 18, Iss. 1)
- Reviewed literature in economics, anthropology, and sociology to write sections discussing values, culture, and family operations

Experience

Bridgewater Associates

Westport, CT

INVESTMENT LOGIC ENGINEER INTERN

Jul. 2020–Aug. 2020

- Design fundamental macro strategy for trading sovereign 10Y bonds in Python in 2 weeks; returns had Sharpe ratio of 0.25

Government Accountability Office

Washington, DC

STUDENT INTERN, APPLIED RESEARCH AND METHODS - CENTER FOR ECONOMICS

May 2019–Jul. 2019

- Reviewed over 100 academic papers on the economic costs of hurricanes, community recovery, and mitigation actions taken
- Webscraped GIS data using Python and merged datasets from the Census Bureau using R and Stata for various GAO engagements

Leadership

MIT Educational Studies Program (ESP)

Cambridge, MA

CHAIR, DIRECTOR OF SUMMER HSSP

Sep. 2017–Present

- Supported 12 directors of 5 educational opportunities, including some of MIT's largest programs, collectively serving 4,000 students
- Founded working group to promote community in programs and organized the first virtual kickoff for nearly 1,000 students

Northeast Regional Middle School Science Bowl

Cambridge, MA

REGIONAL COORDINATOR

Sep. 2017–Present

- Coordinator of one of 50 regional events sponsored by the US Department of Energy; 2020 Regional Champion placed 2nd in nation
- Organized inaugural MIT Science Bowl Invitational (2019, 24 teams) and first virtual MIT Science Bowl Invitational (2020, 40 teams)

Other

- **Skills:** Python, Stata, R, SAS, SQL, Excel, \LaTeX , Algorithms, Data Structures
- **Activities:** NERA Economic Consulting, MIT Admissions Blogger, Star League MathCounts Instructor, MIT Consulting Group
- **Interests:** Jeopardy!, (Blindfolded) Rubik's Cube Solving, Billy Joel, Broadway Musicals, Scrabble, Basketball, Memorization