

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: 4.9/5.0, 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)
- 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

NERA Economic Consulting

New York City, NY

ANTI-TRUST INTERN

Jan. 2020

- Cleaned and validated over 100,000 addresses using SAS, SQL, and Excel to analyze proposed mergers and acquisitions

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 programs, including some of MIT's largest opportunities, collectively serving 4,000 students
- Created working group to promote community in programs, organizing the first virtual program kickoff for nearly 1,000 students
- Implemented weekly luncheons, serving \$28,000 in food to 1,100 students and teachers at Summer HSSP, to facilitate community

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 the inaugural MIT Science Bowl Invitational in November 2019 for 24 high school teams from across the country

Other

- **Skills:** Python, Stata, R, SAS, SQL, Excel, \LaTeX , Algorithms, Data Structures
- **Activities:** INCUBE Entrepreneurship Hackathon (2nd place int'l), MIT Consulting Group, Star League MathCounts Instructor
- **Interests:** (Blindfolded) Rubik's Cube Solving, Billy Joel, Broadway Musicals, Scrabble, Jeopardy!, Basketball, Memory