MATTEO IUDICE

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EDUCATION

Brown University, Providence, RI, USA   *May 2016 - Feb 2022*
Ph.D. in Economics

Brown University, Providence, RI, USA   *Aug 2015 - May 2016*
M.A. in Economics

Bocconi University, Milan, IT   *Sep 2011 - Mar 2014*
M.Sc. in Economics and Social Sciences

Bocconi University, Milan, IT   *Sep 2008 - Sep 2011*
B.Sc. in Finance

WORK EXPERIENCE

Amazon, Boston, MA   *Aug 2023 - present*
Economist II – Perfect Order Experience, Product Safety and Compliance

· Using causal inference to answer business questions related to product quality and safety

Amazon, Seattle, WA   *Mar 2022 - Aug 2023*
Economist II – Core AI, Product Assurance Risk and Security

· Evaluated the impact of product compliance / content moderation policies using causal inference models, such as Synthetic DID. Independently pulled and transformed the required data using SQL, Spark
· Contributed to developing new policies to improve product safety
· Launched an onboarding bootcamp for all economists joining the company, in collaboration with Amazon Science

Amazon, Seattle, WA   *May 2021 - July 2021*
Economist Intern – Core AI

· Generated business insights for the PARS team, using safety incidents data in an observational study
· The observational study leveraged causal inference methods such as Difference in Differences (DID) with Coarsened Exact Matching (CEM), Propensity Score Matching (PSM), and Double/Debiased Machine Learning (DML)
· Delivered a short research paper and a companion business-facing document

Amazon, Seattle, WA   *Jun 2020 - Aug 2020*
Economist Intern – Workforce Intelligence

· Generated business insights for the Workforce Intelligence team, using Amazon's workforce data in an observational study
· The observational study combined multiple data sources and used causal inference methods, such as Difference in Differences (DID)
· Delivered a short research paper and a companion business-facing document

Brown University, Providence, RI   *Jun 2016 - May 2018*
Research Assistant

· Worked for Prof. S. Michalopoulos (Sep 2016 - May 2018) on two research projects using large census datasets in Africa. The projects looked at: inequality in education along religious or ethnic lines, and political representation of ethnic groups affecting the transmission of a dominant culture

· Worked for Prof. G. Eggertsson (Jun 2016 - Aug 2016) on the materials for the 1st year graduate Macroeconomics class, and on a research project on hyperinflation: the project involved digitizing time series of macroeconomic indicators to calibrate a toy model that accounts for hyperinflation

National University of Singapore, Singapore, SG *Jul 2015*
Visiting Fellow

· Visited NUS Asian Competitiveness Institute for two weeks, where I led technical workshop on the firm-level competitiveness analysis toolbox utilized during my tenure at the European Central Bank

European Central Bank, Frankfurt am Main, DE *May 2014 - Apr 2015*
Junior Consultant

· Published one ECB WP (with co-authors)
· Facilitated the collection of confidential firm-level data from the 27 national central banks of Europe, which involved continuous collaboration with the national teams
· Data cleaning, validation and analysis, with a focus on firms' financial data (modeling SME's access to credit) and productivity

Action Institute, Milan, IT *May 2014 - Sep 2015*
Associate

· Contributed to the creation of research briefs for the Credit team on various topics, such as bank crises, SMEs access to finance, sovereign debt crisis

CIDAAI, Milan, IT *Jul 2013 - Sep 2014*
Research Assistant

· I led the statistical and econometric analysis of a database containing the results of the TDLS test performed by dyslexic children. I worked with by Prof. G. A. Chiarenza and his team
· Our work was presented at the 17th World Congress of Psychophysiology (September 23-27, 2014 - Hiroshima, Japan. http://dx.doi.org/10.1016/j.ijpsycho.2014.08.648)
· We also published our findings in a peer-reviewed journal: https://www.rivisteweb.it/doi/10.1449/84131

Bocconi University, Market Analysis Div., Milan, IT *Jul 2012 - Dec 2012*
Junior Analyst

· I was a part of the Market Analysis Benchmarking team, tasked with conducting research crucial for strategic decision-making, such as determining tuition rates for degree programs. Additionally, our team tracked alumni's post-graduation occupational data to measure the performance of degree programs
· Led a team of two interns to compile a research brief on the UK labour market macroeconomic trends
· Data collection, analysis, and production of internal research briefs on the higher education market

TEACHING EXPERIENCE

Brown University, Providence, RI *Jul 2017 - Dec 2021*
Teaching Assistant

· Spring 2021 - Fall 2021: Intermediate Macroeconomics, for K. Forrester
· Fall 2019 - Fall 2020: Intermediate Macroeconomics, for M. Lancastre
· Spring 2019: Intermediate Macroeconomics, for Prof. S. Michalopoulos
· Fall 2018: Intermediate Macroeconomics, for Prof. P. Michaillat
· Summer 2017: Game Theory and Introduction to Macroeconomics, pre-college classes

Brown University, Providence, RI   *Jul 2018*
Instructor

· Co-taught with A. Kilani a three-weeks long pre-college class, "Global Business Environment"

Brown University, Providence, RI   *AY 2017-18*

· Successfully completed the Sheridan Teaching Seminar - Reflective Teaching (Certificate I), offered by the Harriet W. Sheridan Center for Teaching and Learning at Brown University

CONFERENCE PRESENTATIONS

Poverty Targeted Cash Transfers & Attitudes Toward Redistribution, *with R. R. Jamil*
Selected for the Berkeley Network for a New Political Economy workshop, August 2020, UC Berkeley, Berkeley, CA, USA.

Poverty Targeted Cash Transfers & Attitudes Toward Redistribution, *with R. R. Jamil*
Presented at the Harvard Experimental Political Science Conference, April 23 - 24, 2020, Harvard University, Cambridge, MA, USA.

On the Transmission of Ethnic Identity, *with S. Michalopoulos*
Presented at XVIII World Economic History Congress, July 29 - August 3, 2018. MIT, Cambridge, MA, USA.

HONORS, SCHOLARSHIPS, AND FELLOWSHIPS

Dissertation Completion Proposal Award, Brown University	*A.Y. 2020/21*
Department of Economics Teaching Award, Brown University	*A.Y. 2018/19*
Stone Project on Wealth and Income Inequality Fellowship, Brown University	*A.Y. 2017/18*
Honors in Field Examinations, Brown University	*2017*
Stone Project on Wealth and Income Inequality Fellowship, Brown University	*A.Y. 2016/17*
Stephen R. Ehrlich Fellowship for first-year PhD in Economics, Brown University	*A.Y. 2015/16*

SKILLS

Data Analysis	R, Python, SQL, Spark, TensorFlow, Stata
Software & Tools	AWS, S3, Sagemaker, UNIX server, GIS, LaTeX, MS Office
Project Management	Agile, Scrum

LANGUAGES

Italian (native), English (fluent), French (advanced), German (elementary)

INTERESTS

- Cooking, especially with ferments and yeasts (sourdough, kombucha, pickles)

- Mixing music: disco, soul, and electronic

- Swimming, running, biking. Hiking and spending time immersed in nature