

Jipeng (Tony) Liu

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EDUCATION

The Wharton School, University of Pennsylvania

B.S.E, *summa cum laude*

Concentration: Statistics and Finance

College of Arts and Sciences, University of Pennsylvania

B. A., *summa cum laude*

Major: Mathematical Economics (Honors)

WORKING PAPERS

Inferring Spatial Wages Distribution from Bilateral Commuting Choices in France ([under revision](#))

- Recipient of Penn's College Alumni Society Undergraduate Research Grant

OTHER ACADEMIC RESEARCH

Undergraduate Thesis: Understanding Real Economic Activity During COVID-19 Using a Dynamic Factor Model Decomposition ([PDF](#))

- Acknowledged and cited in Diebold (2021) [Real-Time Real Economic Activity Entering the Pandemic Recession](#)
- Best Undergraduate Thesis awarded by Penn Economics Department

Independent Study: Evaluating Early Economic Impacts of COVID-19 in India from Nightlights ([PDF](#))

Senior Capstone Project: Investing Strategy in Pharmaceutical Companies Based on Corporate Donations ([PDF](#))

PROFESSIONAL EXPERIENCE

Research Associate at Harvard Business School

July 2021-Present

- Work with Prof. Boris Vallee and Prof. Jonas Heese on topics about financial institutions, financial innovation, and regulatory enforcement with the Securities and Exchange Commission.

Research Assistant at Penn Climate Econometrics Research Group (part-time)

Jan 2020-July 2021

- Worked alongside Prof. Francis X. Diebold's graduate students on various climate change research projects such as Arctic sea ice modelling and U.S. temperature evolution modelling. Tasks include data collection, exploratory data analysis, model implementation and draft edition.

Summer Research Intern to Prof. Eswar Prasad at the Brookings Institution

May 2020-Aug 2020

- Helped edit Prof. Prasad's new book *The Future of Money: How the Digital Revolution is Transforming Currencies and Finance*, and prepared presentations on China's monetary policy standing. Tasks included materials sourcing, data analysis, draft review etc.

Private Equity Summer Analyst, Arcadia Investment Partners

May 2019-Aug 2019

- Assisted in the due diligence and execution of fund investments, conducted primary industry research, and built complex financial models.

Research Assistant to Political Science Professor Yue Hou

May 2018-Aug 2018

- Penn Undergraduate Research Mentoring Program (PURM): studied telecom firms' innovative capacities with a case study of Huawei, sourced and cleaned 5 databases, and ran regression analysis on firms' patent numbers.

FELLOWSHIPS, AWARDS, AND GRANTS

- Lawrence R. Klein Prize for Outstanding Research in Economics (Best Undergraduate Thesis), University of Pennsylvania, 2021
- The Kanta Marwah College Alumni Society Undergraduate Research Grant, University of Pennsylvania, 2020
- Beta Gamma Sigma Honor Society, 2019
- Dean's List, University of Pennsylvania, 2017-2019
- Penn Undergraduate Research Mentoring Program Award, University of Pennsylvania, 2017

ADDITIONAL INFORMATION

Coursework: Game Theory (Graduate), Micro Theory (Graduate), Intro to Optimization (Graduate), Real Analysis I&II, Advanced Linear Algebra, Econometrics, Stochastic Process, Bayesian Inference, Data Mining, Probability

Programming Skills: R, MATLAB, Stata, LaTeX, EViews, Python, Java, ArcGIS, QGIS, Ox

Interests: Soccer (Certified Chinese National Second-Level Soccer Player, Penn Intramural Soccer Champion), Tennis, Philosophy (2017 International Philosophy Olympiad China Finalist), Chinese History