

Allen Hardiman

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EDUCATION

University of Illinois at Urbana-Champaign

Champaign, IL

Doctor of Philosophy, Economics

Expected: May 2024

Research Interests: Health Economics and Labor Economics

Master of Science, Economics

December 2021

Bachelor of Arts, Economics

May 2018

TECHNICAL SKILLS

Languages: Python; SQL(SQLAlchemy, PostgreSQL); Stata; R

Tools & Libraries: NumPy; Pandas; Matplotlib; Seaborn; Scikit-learn; Tidyverse; Git; Snowflake

RESEARCH

- “The Effect of Public Health Insurance on Individual Consumption: Evidence from Medicaid Expansion.” (Job Market Paper)
- “The Impact of Weather Shocks on Crime: Evidence From Indonesia.”
- “Gendered Responsibilities, Elderly Care, and Labor Supply: Evidence from Four Countries.” (with Roberta Gatti, Daniel Halim, and Shuqiao Sun)

PROFESSIONAL EXPERIENCE

EquipmentShare

June 2023 – August 2023

Data Scientist Intern

- Develop a new rental pricing model using Python and SQL to optimize the rental pricing process for a fleet of 90,000 rental equipment units
- Identify 5,000 equipment units with underpriced rates, paving the way for substantial cost savings and improved profitability
- Collaborate with cross-functional teams to design future experiments and A/B testing initiatives

World Bank Group

March 2022 – January 2023

Consultant

- Led two projects analyzing COVID-19's disparate effects on poverty outcomes and labor market status for men and women by synthesizing large secondary datasets of 3 million individuals
- Spearheaded the data cleaning and econometric analysis process for a collaborative research paper exploring the impact of long-term parental care on male and female labor force participation in four countries
- Developed project plans and project tracking through weekly meetings to ensure the timely completion of project milestones

Illinois Business Consulting

August 2019 – December 2019; August 2021 – December 2021

Consultant

- Designed a high-level agricultural traceability solution software architecture to minimize crop quality degradation for a non-profit industry client
- Collaborated in a team of seven individuals to analyze market entry challenges and deliver applicable solutions for a real estate industry client

University of Illinois at Urbana-Champaign

May 2021 – August 2021

Graduate Research Assistant, Advisor: Prof. Jeremy McClane

- Utilized Stata and R to perform data cleaning and statistical analyses to study the impact of COVID-19 pandemic on approximately 900 small businesses in the state of Illinois
- Applied machine learning techniques such as Principal Component Analysis and K-means clustering to gain insights into high-dimensional data and group small businesses based on their most pressing challenges during the pandemic

TEACHING EXPERIENCE

University of Illinois at Urbana-Champaign

August 2019 – Present

Head Graduate Teaching Assistant, Course: Microeconomics Principles

- Instructed classes of 50 students and provide individual tutoring for more than 1,000 undergraduate students

- Managed the communication and decision-making process between the instructor and other teaching assistants

HONORS & AWARDS

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| ▪ UIUC Summer Research Fellowship | 2022 |
| ▪ List of Excellent Teachers | 2021, 2023 |
| ▪ UIUC Department of Economics Fellowship | 2018 |
| ▪ Undergraduate Dean's List | 2017, 2018 |

REFERENCES

Mark Borgschulte (Chair)

Assistant Professor of Economics

Department of Economics, UIUC

Email: markborg@illinois.edu

Andrew Garin

Assistant Professor of Economics

Heinz College, Carnegie Mellon University

Email: agarin@andrew.cmu.edu

Julian Reif

Associate Professor of Finance & Economics

Gies College of Business, UIUC

Email: jreif@illinois.edu