

# Jacob Jameson

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## EDUCATION

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### Harvard University

*Ph.D. in Health Policy / Decision Sciences*

Cambridge, MA

*Aug. 2022 – Present*

### The University of Chicago

*Master of Science in Computational Analysis and Public Policy*

Chicago, IL

*Sep. 2020 – Jun. 2022*

### The Johns Hopkins School of Education

*Teaching Certification in Secondary Mathematics and Secondary Computer Science*

Baltimore, MD

*Aug. 2018 – Dec. 2019*

### The University of California at Santa Cruz

*Bachelor of Arts in Economics and Mathematics*

Santa Cruz, CA

*Sep. 2015 – Jun. 2018*

## RESEARCH EXPERIENCE

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### Programmer

*General Pediatrics Division at Boston Children's Hospital*

Boston, MA

*Jun. 2023 – Present*

### Researcher

*The Public Impact Analytics Science Lab (PIAS-Lab) at Harvard University*

Cambridge, MA

*Sep. 2022 – Present*

### Data Scientist

*Center for Health and the Social Sciences at The University of Chicago*

Chicago, IL

*Nov. 2020 – Aug. 2022*

### Research Assistant

*Department of Public Health Sciences at The University of Chicago*

Chicago, IL

*May. 2021 – Aug. 2022*

### Data Analyst

*The Law School at The University of Chicago*

Chicago, IL

*May. 2021 – Aug. 2021*

## PUBLICATIONS

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- [1] Soo, Jackie; **Jameson, Jacob**; Flores, Andrea; Dubin, Lisa; Perish, Emily; Afzal, Azka; Berry, Grace; DiMaggio, Vinny; Krishnamoorthi, Ram; Porter, Justin; Tang, Joyce; Meltzer, David. "Does the Doctor–Patient Relationship Affect Enrollment in Clinical Research?" *Academic Medicine* 98(6S):p S17-S24, June 2023.
- [2] Glasser, Nathaniel J.; **Jameson, Jacob**; Pollack, Harold A.; Tung, Elizabeth; and Lindau, Stacy Tessler. "Associations of Adolescent School Social Networks, Gender Norms, and Adolescent-to-Young Adult Changes in Male Gender Expression With Young Adult Substance Use." *Journal of Adolescent Health*, ISSN 1054-139X, 2024,

## GRANTS AND FUNDING

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### Howard Raiffa Fund

- Amount \$6,500
- To support research on LLM tuning for precision medicine

2023-2024

### Howard Raiffa Fund

- Amount \$6,500
- To support research on emergency department operations

2022-2023

## PROFESSIONAL SOCIETIES

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### Institute for Operations Research and the Management Sciences (INFORMS)

- Health Applications Society Student Liaison (2022-2024)

### Society for Medical Decision Making (SMDM)

## TECHNICAL SKILLS

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**Languages:** R, Python, Stata, SQL, SAS, JavaScript, HTML/CSS, Java

**Frameworks:** Spark, React, AWS, Flask, Django, D3

**Developer Tools:** Git, Docker, Visual Studio

## PRESENTATIONS

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### **Society for Medical Decision Making 2023**

*Transparent Programming: Important Habits for Reproducibility and Research Integrity*

- Instructor, Organizer, Developer for Short Course

Philadelphia, PA

*Oct. 2023*

### **INFORMS Annual Meeting 2023**

*The Impact of Batch vs Sequential Ordering Diagnostic Tests in the Emergency Department*

- Session Chair: Improving Health Decision-Making: Screening, Diagnosis, and Policy
- Finalist for PSOR Best Video Award

Phoenix, AZ

*Oct. 2023*

### **INFORMS Healthcare 2023**

*The Impact of Batch vs Sequential Ordering Diagnostic Tests in the Emergency Department*

- Session Chair: Evidence Based Approaches for Improved Health Care Delivery

Toronto, ON, CAN

*Jul. 2023*

## TEACHING

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### **Harvard T.H. Chan School of Public Health**

- Decision Science for Public Health. Teaching Fellow (2023, 2024)

### **Harvard Kennedy School of Government**

- Math Camp (for Incoming Public Policy, Health Policy, and Business PhDs). Instructor (2023)
- Game Theory. Teaching Fellow (2023, 2024)
- Big Data and Machine Learning. Teaching Fellow (2023, 2024)
- Data and Programming for Policymakers. Teaching Fellow (2023)
- Resources, Incentives, and Choices I: Markets and Market Failures. Teaching Fellow (2022, 2023)

### **The University of Chicago, Center for Translational Science**

- Data, Quantitative Methods, and Applications in HSR. Teaching Assistant and Instructor (2021,2022,2023)
- Introduction to Health Services Research. Teaching Assistant (2021)

### **The University of Chicago, Department of Computer Science**

- Machine Learning for Public Policy. Teaching Assistant (2022)
- Mathematics for Data Analysis and Computer Science. Teaching Assistant (2022)

### **The University of Chicago Booth School of Business**

- Introductory Finance. Teaching Assistant (2020,2021,2022)
- Data Analysis in R and Python. Teaching Assistant (2021)

### **The University of Chicago Harris School of Public Policy**

- Coding Lab for Public Policy. Instructor and Curriculum Developer (2021)

### **Teach For America, Achievement First Amistad Academy Middle School**

- 7th/8th Grade Mathematics. Mathematics Teacher (2018-2020)