MARINA MANCORIDIS

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EDUCATION

Massachusetts Institute of Technology, *2024 -*
- First-year PhD student in the department of Electrical Engineering and Computer Science
- Advised by Dr. Sendhil Mullainathan
- Received MIT *Presidential* Graduate Fellowship
- NSF Graduate Research Fellowship Program, Honorable Mention (2025)
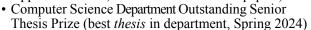
Swiss Federal Institute of Technology, *Spring 2023*
- Selected as one of five Princeton students to complete a one-semester exchange program

Julia R. Masterman High School, *2015 - 2019*
- Valedictorian, SAT: 1590, GPA: 4.1

Princeton University (GPA: 3.92/4.0), *2019-2024*
- AB Computer Science, *summa cum laude*
- Overall GPA of 3.92 and Departmental GPA of 4.0
- Calvin Dodd MacCracken Senior Thesis Award (most inventive and technically accomplished senior thesis in the School of Engineering and Applied Sciences, from around 500 thesis papers)
- Computer Science Department Outstanding Senior Thesis Prize (best *thesis* in department, Spring 2024)
- Computer Science Department Outstanding Independent Work Award (best *junior-year* research paper, Spring 2023)
- Paideia Scholarship of the Hellenic University Club of Philadelphia, 2022
- Induction to Sigma Xi Honor Society

RELEVANT COURSEWORK

- Deep Learning, graduate-level (A+)
- Senior Thesis & Departmental Exam (A+)
- Computational Models of Cognition (A+)
- Advanced Programming Techniques (A+)
- From Animal Learning to Changing People's Minds (A+)

- Junior Independent Work (A+)
- Economics and Computing (A)
- Transformations in Engineering and the Arts (A)
- Introduction to Machine Learning (A)
- Principles of Computer System Design (A)

- Reasoning about Computation (A)
- Software Engineering (A+)
- Economics of Energy, Resources, Environment: Risks and Prospects (A+)

SELECTED PUBLICATIONS

Mancoridis, Marina, Keyon Vafa, Bec Weeks, and Sendhil Mullainathan. "Potemkin Understanding in Large Language Models: Formalizing and Benchmarking Conceptual Comprehension". (*Preprint*).

Mancoridis, Marina, Ted Sumers, and Tom Griffiths. "Publish or Perish: Simulating the Impact of Publication Policies on Science." Proceedings of the Annual Meeting of the Cognitive Science Society. Vol. 46. 2024.

Peterson, Joshua, **Marina Mancoridis**, and Tom Griffiths. "To each their own theory: Exploring the limits of individual differences in decisions under risk." Proceedings of the Annual Meeting of the Cognitive Science Society. Vol. 45. No. 45. 2023.

WORK EXPERIENCE

Research Assistant, Computational Cognitive Science Lab at Princeton University: *July 2022-May 2024*
- Studied decisions under risk, competing choice theories, individual differences, and the cultural evolution of knowledge

UBS Global Markets Sophomore Summer Analyst *Summer 2022*
- Focus on sales, trading, quant structuring, and the analysis of how current events influence venture portfolios.

Memorial Sloan Kettering Hospital: Deep Learning and Data Analytics Fellow *Summer 2021*
- Developed a neural network pipeline to segment cells from tissue imagery data, outputting human-level accuracy

Zage Financial Services (*Princeton-based financial technology start-up*): Full Stack Engineer *September 2020 - March 2021*
- Accepted to Y Combinator as one of four founding engineers, provided an alternative transaction mechanism to credit cards

Womxn Ignite: Entrepreneurship Fellow *February 2021 - April 2021*
- Chosen as one of 20 students to participate in a female start-up incubator, receiving mentorship from top female executives

LEADERSHIP EXPERIENCE

Princeton Outdoor Action Program: Orientation Leader
- Led a group of ten freshmen on an orientation trip in the Appalachian mountains, gained skills in team-building and first-aid

Princeton Orange Pan-Hellenic Association: Treasurer
- Organized events to celebrate Hellenic culture and to develop a better understanding of current issues in Greece and Cyprus

Princeton University Wildcats: Assistant Music Director
- Taught and wrote music and organized group activities in the contemporary and gender-inclusive a cappella group