

# MARINA MANCORIDIS

## EDUCATION

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### 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