

Ben Cohen-Wang

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EDUCATION

Massachusetts Institute of Technology

PhD in Electrical Engineering and Computer Science
Advised by Aleksander Mądry

Started Fall 2022

GPA: 5.0/5.0

Stanford University

MS in Computer Science

Graduated Spring 2021

GPA: 4.06/4.3

Stanford University

BS with Honors in Computer Science

Graduated Spring 2020

GPA: 4.01/4.3

RESEARCH

ContextCite: Attributing Model Generation to Context

Benjamin Cohen-Wang*, Harshay Shah*, Kristian Georgiev*, Aleksander Mądry
Conference on Neural Information Processing Systems (NeurIPS), 2024
<https://arxiv.org/abs/2409.00729>

Ask Your Distribution Shift if Pre-Training is Right for You

Benjamin Cohen-Wang, Joshua Vendrow, Aleksander Mądry
Preprint
<https://arxiv.org/abs/2403.00194>

Comparing the Value of Labeled and Unlabeled Data in Method-of-Moments Latent Variable Estimation

Mayee F. Chen*, **Benjamin Cohen-Wang***, Stephen Mussmann, Frederic Sala, Chris Ré
International Conference on Artificial Intelligence and Statistics (AISTATS), 2021
<https://arxiv.org/abs/2103.02761>

Interactive Programmatic Labeling for Weak Supervision

Benjamin Cohen-Wang, Stephen Mussmann, Alex Ratner, Chris Ré
Data Collection, Curation, and Labeling for Mining and Learning Workshop at KDD, 2019
https://bencw99.github.io/files/kdd2019_dcclworkshop.pdf

INDUSTRY EXPERIENCE

Robust Intelligence, San Francisco

Machine Learning Engineer

August 2020 - June 2022

Built a platform for stress-testing and monitoring machine learning models to reduce the risk of unforeseen errors in production

INTERNSHIPS

Facebook, Seattle

Summer 2019

Software Engineering Intern

Implemented machine learning system to infer connections in business graph

Stanford Machine Learning Group, Stanford

Summer 2018

Research Intern

Worked in the AI for Healthcare group under Prof. Andrew Ng

Used machine learning to detect fractures in CT scans of the cervical spine

TEACHING AND MENTORING

MIT EECS Graduate Application Assistance Program Mentor

Fall 2022

Helped applicants to graduate programs in EECS with their applications

Stanford CS168 Course Assistant

Spring 2020

Held weekly office hours and graded assignments and exams for Stanford CS168: The Modern Algorithmic Toolbox under Prof. Greg Valiant

Stanford CS106 Section Leader

Fall 2017 - Spring 2019

Taught a weekly 10-13 student section of Stanford's introductory programming sequence

Held office hours to answer questions and debug code, graded assignments and exams