Ian W Eisenberg

Personal Information

EMAIL:	Ian.W.Eisenberg@gmail.com
WEBSITE:	Personal
SOCIAL:	LinkedIn
PUBLICATIONS:	Google Scholar

Summary of Qualifications

- Leader in AI governance, focused on sociotechnical challenges relevant to beneficial AI.
- 11 years of quantitative research experience involving machine learning, data science, neuroscience and psychology.
- Spearheaded a multi-institute cognitive neuroscience research program between Stanford, Dartmouth, ASU and the NIH.
- Passionate scientist comfortable with tackling ambiguous problems
- AI community leader facilitating conversations on the meaning and impact of AI.

Professional Experience

Credo AI, 2021-present

Head of AI Governance Research, 2023-present
- Team mission: understand and advance best practices in AI governance and establish Credo AI as an authority on AI governance.
- Lead team of 3 to determine best practices and implementations approaches for enterprises to manage and mitigate risks associated with genAI and traditional ML.
- Worked directly with the Policy team to translate and apply sociotechnical perspective on AI and determine policy advocacy strategy.
- Contributed to the AI safety and AI governance community through publications, workshops and partnerships.

Head of Data Science, 2022-2023
- Lead team of 4 to expand technical Responsible AI and AI Governance initiatives.
- Coordinated with product, sales, and customer success to develop and execute strategy.
- Worked with our policy team to create "policy packs": use-case specific technical and process prescriptions supportive of Responsible AI development and deployment.
- Wrote and directed research and publications to promote internal expertise and external thought-leadership.
- Engaged with regulatory and standard-setting bodies like NIST.

Sr. Data Scientist, 2021-2022
- Responsible AI lead, representing technical, social and policy perspectives concerning AI governance.
- Developed a Responsible AI toolkit to evaluate models on ethical and performance dimensions.
- Planned and executed data science strategy from product conception through MVP.
- Contributed to Credo AI's thought leadership through internal and external writings and policy perspectives.

Triplebyte, Machine Learning Engineer, 2019-2021
- Led efforts to optimize Triplebyte's two-sided hiring marketplace.
- Developed product improvements focused on efficiency, transparency, fairness and user agency.
- Responsible for data collection, integrity, experimentation and analytics supporting a diversity of company efforts.

Research Experience

Stanford University, Graduate Student, 2014-2019
- Advisor: Dr. Russell Poldrack
- Led a 3 year research program to describe and predict self regulatory behavior in over 600 people. Resulted in 10 publications in journals including Nature Communications and PNAS.
- Created a quantitative framework for integrating disconnected theories in psychology.
- Constructed the Experiment Factory: a scalable open resource for reproducible psychological experimentation.
- Investigated reinforcement mechanisms underlying taskset creation and selection.

National Institutes of Health, Post-baccalaureate Research Fellow, 2012-2014
- Advisor: Dr. Alex Martin
- Used neuroimaging to explore functional and anatomical connectivity related to behavioral traits characteristic of autism. Resulted in 3 publications.

Brown University, Research Assistant, 2010-2012
- Advisor: Dr. Michael J. Frank

Columbia University, Research Assistant, 2010
- Advisor: Dr. Jacqueline Gottlieb

Brown University, Research Assistant, 2009-2010
- Advisor: Dr. William H. Warren

Education

August 2019	PhD in Psychology **Stanford University**, Stanford, CA Focus: Neuroscience | Advisor: Russell A. Poldrack Dissertation: *Uncovering mental structure through data-driven ontology discovery*
May 2012	BSc in Cognitive Neuroscience, **Brown University**, Providence, RI *magna cum laude* Thesis: *Frontal theta overrides Pavlovian learning biases* | Advisor: Michael J. Frank

Publications

Journal Articles   **AI Blog Posts**   **AI Policy**

Fellowships and Training Experiences

d.School Creativity in Research Scholar, Stanford, 2019

Mind, Brain, Cognition, and Technology Graduate Training Fellowship, Stanford, 2015-2018

Center for Brains, Minds and Machines Summer School, MIT, Woods Hole, 2017

Shanghai Neuroeconomics Collective Summer School, NYU, Shanghai, 2017

Postbaccalaureate Intramural Research Training Award, NIH, 2012-2014

Community Service

The AI Salon, Co-Founder, 2023

DataKind Scoping Squad Volunteer, 2022

DataKind Data Scientist Volunteer, 2021

HackMIT 2020 Judge, 2020

Middle School Brain Day Volunteer, 2018

Graduate Application Mentor for Psychology, 2017

Teaching Experience

Facilitator, AI Governance Course, Blue Dot Impact, 2023

Teaching Assistant, Introduction to Cognitive Neuroscience, Stanford, 2019

Teaching Assistant, Graduate Lab in Experimental Methods, Stanford, 2017

Teaching Assistant, Brain Decoding, Stanford, 2017

Teaching Fellow, Psychology One, Stanford, 2015-2016

University Service

Graduate Committee Member, Stanford, 2018-2019

Organized Neuroscience | Cognitive Science Seminar Series, Stanford 2016-2017

Organized Memory, Attention and Decision Making Seminar Series, Stanford, 2016-2017

Founded Cognitive Neuroscience Department Undergraduate Group, Brown University, 2011-2012