

IAN W EISENBERG

PERSONAL INFORMATION

EMAIL: Ian.W.Eisenberg@gmail.com
GITHUB: <https://github.com/IanEisenberg>
SOCIAL: [LinkedIn](#)
PUBLICATIONS: [Google Scholar](#)

SUMMARY OF QUALIFICATIONS

- Data science and product leader in AI governance, AI evaluation & algorithmic hiring. Particular interest in socially-beneficial AI development
- 11 years of quantitative research experience involving machine learning, data science, visualization and experimental design
- Spearheaded a multi-institute cognitive neuroscience research program between Stanford, Dartmouth, ASU and the NIH. Developed the technical infrastructure for the project, coordinated stakeholders and lead dissemination & communication efforts
- Passionate scientist comfortable with tackling ambiguous problems from multiple perspectives

PROFESSIONAL EXPERIENCE

Credo AI, Head of Data Science, 2022-Present

- Lead team of 4 to expand on technical Responsible AI and AI Governance initiatives.
- Coordinate 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.

Credo AI, Sr. Data Scientist, 2021-2022

- Responsible AI lead, representing technical, social and policy perspectives concerning AI governance.
- Developing a Responsible AI toolkit to evaluate models on ethical and performance dimensions.
- Plan and execute data science strategy from product conception through MVP.
- Contribute 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.
- Responsible for the entire life cycle of our recommendation systems.
- Developed product improvements focused on efficiency, transparency, fairness and user agency.
- Data scientist 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

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

TEACHING EXPERIENCE

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

COMMUNITY SERVICE

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