

EDUCATION

Massachusetts Institute of Technology

Ph.D. Computer Science · 2018–
S.M. Computer Science · 2018–2020

Princeton University

B.S.E. Computer Science & Visual Arts
GPA: 3.87/4.00 · 2014–2018

University of Oxford

Visiting Student · January–June 2017

RESEARCH EXPERIENCE

Visualization Group, MIT Computer Science and Artificial Intelligence Laboratory

Research Assistant · Adviser: Prof. Arvind Satyanarayan · September 2018–

Citizens and Technology Lab, Cornell University

Adviser: Prof. J. Nathan Matias · June–August 2020

Center for Information Technology Policy, Princeton University

Undergraduate Researcher · Adviser: Dr. J. Nathan Matias · August 2017–June 2018

Oxford Internet Institute

Undergraduate Researcher · Adviser: Dr. Scott Hale · February–June 2017

Fluid Interfaces Group, MIT Media Lab

Undergraduate Researcher · Adviser: Tal Achituv · January 2016

WORK EXPERIENCE

Google, Research and Machine Intelligence

UX Engineering Intern · June–September 2018

Google, Material Design

UX Engineering Intern · June–September 2017

Linked By Air

Design and Software Intern · June–August 2016

Square

Software Engineering Intern · June–August 2015

Coursera · KPCB Engineering Fellow

Software Engineering Intern · June–August 2014

PUBLICATIONS

CONFERENCE AND JOURNAL PAPERS

Jonathan Zong, Dhiraj Barnwal, Rupayan Neogy, and Arvind Satyanarayan. 2020.
Designing Interactive Visualizations by Demonstration. (*under review*)

Jonathan Zong. 2019. **Unruly Cyborgs: The Relational Set Designs of Isamu Noguchi.**
Liminalities: A Journal of Performance Studies.

WORKSHOPS / POSTERS / DEMOS

Chloe Wittenberg, Adam Berinsky, Jonathan Zong and David Rand. 2020.
The (Minimal) Persuasive Advantage of Political Video over Text.
International Conference on Computational Social Science.

Jonathan Zong, Dhiraj Barnwal, Rupayan Neogy, and Arvind Satyanarayan. 2020.
Lyra: An Interface for Designing Interactive Visualizations.
Computation + Journalism Symposium.

Jonathan Zong and J. Nathan Matias. 2020. **Collective Refusal and the Limits of Informed Consent for Data Protection.** *Data & Society Contested Data Workshop.*

Jonathan Zong and J. Nathan Matias. 2018. **Automated Debriefing: Interface for Large-Scale Research Ethics.** *Companion of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '18).* · **Best Demo Award**

WRITING

Consent Is Not an Ethical Rubber Stamp · 2019

Slate · *With Crystal Lee*

Researching the Researchers: Ethics and Privacy in Institutional Research · 2018

Nassau Weekly

PRESENTATIONS

CONFERENCE TALKS

Public Display and Biometric Sans: Embodied Writing in the Age of Data · 2020

Before and Beyond Typography, Stanford University

In Our Own Image: The Autonomy of Artificial Bodies in Synthetic Porn · 2019

Panel: *Internet Connection*, Theorizing the Web

INVITED TALKS

Layered Abstractions for Interactive Visualization Design · 2020

Digital Structures Group, MIT Department of Architecture

“The Most Liberal of Arts” · 2019

A *New* Program for Graphic Design, Princeton University

Public Accountability in Research Ethics · 2018

CivilServant Research Summit, MIT Media Lab

TEACHING

AI, Justice, Imagination: Technology and Speculative Fiction · Spring 2020

Tufts University, Experimental College. Co-instructor with Janet Zong York

EXHIBITIONS

BODY TEXT · Wiesner Gallery, Massachusetts Institute of Technology

Solo exhibition · January–February 2020

- Exhibition about legibility, control, and the digital representation of bodies

w-t-f · Lucas Gallery, Princeton University

Solo exhibition · March 2018

- Senior thesis exhibition about identity, self-representation, and embodiment

Internet Yami-Ichi with Rhizome · New Art Dealers Alliance Art Fair

Everyone Should · March 2018

- Handmade book of things everyone should do, edition of 4

Faire Signe · Biennale de design graphique, Chaumont, France

You Have Agency · May–September 2017

- Interactive tool depicting the exchange relations that tie consumers to the Trump Administration (3rd place in juried international student competition)

The VIS Junior Show · Butler Gallery, Princeton University

i am jonathan zong by joe scanlan · April–May 2017

- Installation exploring identity, authorship, and time; with Drew Wallace

COLLECTIONS

Van Alan Clark, Jr. Library, School of the Museum of Fine Arts, Tufts University

Everyone Should · October 2018

Graphic Arts Collection · Firestone Rare Books Library, Princeton University

Nap Poems · May 2016

- Letterpress edition of original poetry commissioned from Letterpress Club by poets Monica Youn, Rowan Ricardo Phillips, Michael Dickman, and Ben Lerner

ART BOOK FAIRS

- Tiny Tech Zines · *with Free Radicals* · Navel LA · 2019

- Press Play · *with Tech Zine Fair* · Pioneer Works · 2019

- Odds and Ends Art Book Fair · Yale University · 2018

- Zine Soup 3.0: Makers Market · Chinatown Soup · 2018

- NY Tech Zine Fair · School for Poetic Computation · 2018

- Boston Art Book Fair · Boston Center for the Arts · 2018

SELECTED PRESS

- **Bezos, Bodies, and Backprop**
The Tech · Mar 5, 2020
- **The Dark Implications of Facial Swap Filter Technology**
Paper Magazine · June 11, 2019
- **w-t-f: A Conversation with Seniors Eric Li and Jonathan Zong**
Lewis Center for the Arts, Princeton University · March 14, 2018
- **PolitEcho: A Mirror for the “Daily Me”**
Frontier Magazine · May 2018
- **How to Escape Your Political Bubble for a Clearer View**
New York Times · March 3, 2017
- **This browser extension shows how biased your social media feed is**
A.V. Club · December 2, 2016
- **A Browser Extension That Shows You Your Filter Bubble**
New York Magazine · November 30, 2016

HONORS AND AWARDS

- Schnitzer Prize in the Visual Arts, MIT · 2020
- Paul and Daisy Soros Fellowship for New Americans · 2019
- NSF Graduate Research Fellowship · 2019
- Hertz Foundation Fellowship Finalist · 2019
- Lucas Award in Visual Arts, Princeton University · 2018
- NSF Graduate Research Fellowship Honorable Mention · 2018
- Santos-Dumont Prize for Innovation, Princeton University · 2017
- Tau Beta Pi Scholarship · 2017
- Students All to Chaumont, le Signe · 3rd Place · 2017
- Peter B. Lewis Summer Fund for the Arts · 2016, 2017
- Facebook Global Hackathon Finals · *Honorable Mention* · 2016
- Andreessen Horowitz Generation Design Mentorship Program · 2016
- Greylock Hackfest, Greylock Partners · 1st Place · 2015
- HackRice, Rice University · 1st Place · 2014
- KPCB Engineering Fellowship · 2014
- MIT THINK Scholars · 2014
- Eagle Scout · 2012