

EDUCATION

Massachusetts Institute of Technology

Ph.D. Computer Science · Visual and Performance Studies Minor · 2018–
S.M. Computer Science · 2018–2019

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 PROCEEDINGS

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

PEER-REVIEWED ARTICLES

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

WORKSHOPS / POSTERS / DEMOS

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 Workshop on Contested Data.*

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

PEER-REVIEWED TALKS

Public Display and Biometric Sans: Embodied Writing in the Age of Data · 2019
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

“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 · 2018
- 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 PROJECTS

Wave Fanfare · 2017

Gestural theatrical lighting interface for live music performance

PolitEcho · Facebook Global Hackathon Honorable Mention · 20,000+ users · 2016

Personal visualization of political bias in Facebook news feed using friend data

3d-print-letterpress · 2015

Library to convert font files to 3d-printable models of usable letterpress type

DeuterIDE · 10,000+ installs · 2012

Mobile-friendly editor interface to write and run code in many languages

SELECTED PRESS

- **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

- 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