

## 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

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

### PEER-REVIEWED 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

“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

- **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

- 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