JONATHAN ZONG

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EDUCATION

Massachusetts Institute of Technology
Ph.D. Computer Science · Visual and Performance Studies Minor · 2018–
S.M. Computer Science · 2018–2020

Princeton University   **University of Oxford**
B.S.E. Computer Science & Visual Arts   Visiting Student · January–June 2017
GPA: 3.87/4.00 · 2014–2018

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 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 · 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