

EDUCATION

Massachusetts Institute of Technology

Ph.D. Electrical Engineering and Computer Science · 2018–

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

MIT Computer Science and Artificial Intelligence Laboratory, Visualization Group

Adviser: Prof. Arvind Satyanarayan · September 2018–

Princeton University, Center for Information Technology Policy

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

Oxford Internet Institute

Adviser: Dr. Scott Hale · February–June 2017

MIT Media Lab, Fluid Interfaces Group

Adviser: Tal Achituv · January 2016

WORK EXPERIENCE

Google, Research and Machine Intelligence

UX Engineering Intern · June–September 2018

- Designed interfaces for transparently representing machine intelligence

Google, Material Design

Software Engineering Intern · June–September 2017

- Designed and implemented tools for motion designers to create interactive visualizations for the public-facing Material Design Guidelines

Linked By Air

Design Intern · Peter B. Lewis Fund Award · June–August 2016

- Designed and built web interfaces with studio for clients including Printed Matter, Columbia University GSAPP, NYC Councilman Brad Lander

Square

Software Engineering Intern · June–August 2015

- Improved user experience of Online Store checkout by integrating buyer logins and payment card linking using Ember, Backbone, Java

Coursera · KPCB Engineering Fellow

Infrastructure Engineering Intern · June–August 2014

- Improved feature set of internal server provisioning tools, deployment processes, and error monitoring relied on by all teams using Scala

PUBLICATIONS

Unruly Cyborgs: The Relational Set Designs of Isamu Noguchi · 2019

Liminalities: A Journal of Performance Studies

Automated Debriefing: Interface for Large-Scale Research Ethics · November 2018

ACM Computer-Supported Cooperative Work (Best Demo Award)

PRESENTATIONS

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

Public Accountability in Research Ethics · 2018

CivilServant Research Summit, MIT Media Lab

WRITING

Consent Is Not an Ethical Rubber Stamp · 2019

Slate

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

Nassau Weekly

EXHIBITIONS

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

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

HONORS AND SCHOLARSHIPS

- 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

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