

# Tonya Nguyen

tonyanguyen.github.io  
tonyanguyen@berkeley.edu

## Education

UC Berkeley

**B.A. Human-Computer  
Interaction**

May 2020

## Coursework

User Interface Design and Development (Pavel, Hartmann), Research Topics in HCI (Salehi), Quantitative Research Methods (Cheshire), Critical Making (Paulos), Data Structures and Programming Methodology (Hilfinger), Web Design & Development

## Awards

**Sigchi Student Travel Grant**  
for CHI '2019

## Skills

Programming

Python, R, Java, React.js, C, Javascript, Ruby on Rails, Django

Research

Qualitative & Quantitative Analysis, Needfinding, Contextual Inquiry, Cognitive Walkthrough, Wizard of Oz, A/B Testing, Data Visualization

Design

Adobe Creative Suite Figma, 3D Printing, Physical Prototyping, Electronics

## Publications

Mark E Whiting, Irena Gao, Michelle Xing, **Tonya Nguyen**, N'godjigui Junior Diarrassouba, Michael Bernstein. 2019. "Parallel Worlds: Repeated Initializations of the Same Team To Improve Team Viability. *In Proceedings of Computer Human Interaction (CHI'20) ACM, Honolulu, Hawaii.* **\*\*In Submission**

Jeremy Warner, Amy Pavel, **Tonya Nguyen**, Maneesh Agrawala, Bjoern Hartmann. 2019. SlideSpecs: Capturing and Organizing Text Feedback on Slide Presentations. *ACM Conference on Computer Supported Cooperative Work and Social Computing Companion (CSCW 2020). Miami, FL.* **\*\*In Submission**

Qian Yu, **Tonya Nguyen**, Soravis Prakkamakul, Niloufar Salehi. 2019. "I Almost Fell in Love with a Machine": Speaking with Computers Affects Closeness and Self-disclosure. *In Proceedings of Computer Human Interaction (CHI'19), Extended Abstracts. ACM, Glasgow, Scotland.*

## Experience

Berkeley iSchool **Undergraduate Research Assistant**

Created a value sensitive design activity that encourages technologists to reflect on the implications of emerging technologies  
Advised by **Deirdre Mulligan** and **Richmond Wong**

August 2019 - Present

Stanford HCI **Undergraduate Research Assistant**

Designed a computational technique that leverages masking team history to improve online team collaborations

Advised by **Michael Bernstein** and **Mark Whiting**

May 2019 - September 2019

Berkeley Institute of Design **Undergraduate Research Assistant**

Developed front-end of SlideSpecs, a novel collaborative feedback system for slide presentation practice talks (slidespecs.berkeley.edu/)

Conducted needfinding and identified key insights to guide design decisions.

Advised by **Björn Hartmann** and **Jeremy Warner**

August 2018 - Present

## Leadership & Service

User Interface Design & Development **Head TA**

Currently teaching a 45+ student class in HCI and User Interface Design. Designed syllabus, created projects, held office hours, graded projects and assignments

Fall 2019

UIST 2019 • New Orleans, LA **Student Volunteer**

October 2019