

## 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/](https://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