

# Andy M. Cheng

## Product Designer

andymcheng.com  
andy.m.cheng@rice.edu

### Experience

#### OpenStax

UX Design Intern May 2019 - Aug 2019

Benchmarked user flow and information architecture across products. Created an end-to-end design solution for a product feature starting from initial research to conceptualization to a function prototype.

#### Computer-Human Interaction Laboratory; CHIL

Research Assistant Jan 2019 - Present

Designing and implementing web infrastructures to support usability experiments. Conducting usability tests and analyzing user data from 100+ users.

#### Design for America

Studio Member Jan 2019 - Present

Collaborated with a team of students in service design projects partnering with community organizations to build socially impactful solutions.

### Projects

#### teamwiess.com

Website redesign

Redesigned and implemented residential college website to improve navigation and mobile experience. Built new design framework and foundation for future features and content.

#### Spotify "Your Library"

Personal case study

Redesigned key features in "Your Library" section of Spotify mobile application to decrease friction in accessing and organizing content. Incorporated key features from desktop into mobile platform.

#### OpenNotes

OpenStax

Collaborated with a team of 7 to design a digital note-taking platform for the 3 million student users of OpenStax textbooks.

#### Google 2FA Redesign

CHIL @ Rice

Implemented a redesign of Google's two-factor authentication process using HTML, CSS, and JS to test usability. Conducted usability assessments and analyzed data from 60+ tests to determine effectiveness of the redesigned system.

### Education

Rice University Houston, TX

B.A. in Cognitive Sciences

GPA 3.7 Aug 2017 - May 2021

### Skills

#### Software

Figma  
Balsamiq  
Framer  
Photoshop

#### Design

Competitive analysis  
User research  
Usability testing  
Wireframing  
User flow  
Journey mapping

#### Code

HTML/CSS  
Python  
R

### Coursework

#### Rice University

Human Factors & Ergonomics  
Human-Computer Interaction  
Methods in HCI  
Entrepreneurial Strategy

#### Georgia Tech

Intro to User Experience Design

#### CalArts

UX/UI Design Specialization