# Andy M. Cheng
## Product Designer

andymcheng.github.io
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## 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/Illustrator

### 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