

Andy M. Cheng

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EDUCATION

Rice University – Houston, TX

B.A. Cognitive Sciences

GPA: 3.5 Aug 2017 – May 2021

SKILLS

Technology

Figma

Webflow

Balsamiq

Illustrator

Design

Competitive analysis

User research

Usability testing

Wireframing

Prototyping

Code

HTML5 + CSS + JavaScript

Python

MATLAB

COURSEWORK

Rice University

Human Factors & Ergonomics

Human-Computer Interaction

Methods in Human-Computer Interaction

Georgia Tech

Intro to User Experience Design

CalArts

UI/UX Design Specialization

ASK ME ABOUT

running a family restaurant, weightlifting, coffee

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.

The Computer-Human Interaction Laboratory

Research Assistant

January 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

January 2019 – present

Collaborating with a team of students to work with partner organizations in the community to apply user-centered design, focusing on social impact.

PROJECTS

OpenNotes

OpenStax

Worked with a team of 7 to design a digital note-taking platform for the 2.2 million student users of OpenStax textbooks to provide a more customizable, comprehensive, and natural note-taking experience.

teamwiess.com

Wiess College

Conducting a redesign of residential college's website involving user research, competitive analysis, prototyping, and visual design.

Dirt Cards

DFA & Urban Harvest

Collaborated with a team of 4 to research and develop a flexible solution that facilitates greater person-to-person interactions and productive agency among a network of 150+ community gardens in Houston.

Google 2FA Redesign

CHIL @ Rice

Implemented a redesign of Google's two-factor authentication process using HTML, CSS, and JS to test usability of the new system. Conducted usability assessments and analyzed data from 30 tests to determine effectiveness of the redesigned system.