# Kelly Mao

Designer & Creative Technologist

phone: 408.203.1317
email: kellycmao12@gmail.com
website: kellycmao12.github.io

## EDUCATION

**New York University**
Expected May 2024
BFA Interactive Media Arts &
Computer Science, 3.83 GPA

**Relevant Courses**
- Design Fundamentals
- Interactive Computing
- Physical Computing &
  Experimental Interfaces
- Digital Fabrication
- Hypercinema
- Interactive Prototyping for
  Museum Exhibits

## SKILLS

**Languages**
- HTML/CSS, JavaScript, Java,
  Python, C/C++

**Web Development**
- Bootstrap, React, Sass, Git,
  Heroku, p5.js, A-Frame AR/VR,
  ML5.js

**Design**
- Figma, Illustrator, Photoshop,
  After Effects, Premiere Pro,
  Fusion360

**UX Process**
- User Research, Wireframing,
  Prototyping, User Testing

## PROJECTS

**Sustainabot** (TOHacks submission) | Figma, p5.js | May 2022
- Worked as UX designer and front-end developer with team
  of three web developers to create a chatbot that uses NLP
  to discuss user's sustainability goals and summarize the best
  advice from relevant websites
- Designed project logo and messaging UI, created high-
  fidelity prototype

**NYU Course Search Redesign** | Figma | Apr 2022
- Redesigned UI of NYU course search website to improve
  information hierarchy and address user pain points, leading
  to 60% faster navigation
- Conducted competitor analysis and user research
- Created wireframes and high-fidelity clickable prototype

**Outside Dyckman** | JavaScript, HTML/CSS, AR.js | Apr 2022
- Worked as front-end developer on a location-based AR
  interactive tour to help deaf visitors of NYC's Dyckman
  Farmhouse Museum
- Advised on technical feasibility, worked with two designers
  to refine UX, developed web prototype based on mockups

**Symbiota** | JavaScript, p5.js, Figma | Nov 2021
- Designed & developed a game about the gut microbiome to
  educate users on healthy eating, reaching 400+ people

## EXPERIENCE

**NYU Tisch Interactive Telecommunications Program (ITP) |
Networks Assistant** | Oct 2022-present
- Work with school admin and IT team to redesign interface
  and manage content of Tisch ITP website with 100K+
  monthly visitors

**Tech@NYU | Co-President** | May 2022 - present
- Lead nine executive board members in running NYU's largest
  tech club of 1200 students, overseeing a 30% increase in
  membership
- Organize speaker events and office tours with companies
  including Google, Meta, Foursquare, StackOverflow, Citizen,
  GIPHY, and Check

**Trader Joe's | Sign Artist** | Jun 2021 - Aug 2021
- Utilized knowledge of graphic design, typography, and
  traditional art to create product signs and store displays to
  reinforce brand identity and inform customers, reaching
  ~60K shoppers per month