



amanda tong
designer & developer

 amandatong.me
 amanda.g.tong@gmail.com
 linkedin.com/in/amanda-tong

education

Massachusetts Institute of Technology

Cambridge, MA · Class of 2024

BS in Computer Science & Cognitive Science, Design Minor, Korean Concentration.

GPA: 4.7/5.0

Relevant Courses: *Applying Human-Centered Design, Intelligent Multimodal UI, Algorithms, Computer Vision, Fundamentals of Programming*

skills

Development

React.js, Next.js, Node.js, Express.js, Flask, React Native

PostgreSQL, MongoDB, Firebase, Heroku, AWS, Git

HTML/CSS/Javascript
SASS/SCSS, Bootstrap, Material UI, Ant Design

Software

Adobe Creative Suite, Figma, Miro, InVision, Sketch, Trello, Notion

UI & UX

User research, interviewing, journey mapping, personas, wireframing, prototyping, usability testing, interaction design

languages

English (Native)
Korean (Intermediate)

interests

Human-computer interaction, web development, digital product design, learning languages, traveling, photography, cooking

experience

UI Design & Web Development Intern | U.S. Naval War College

Remote · Jan. 2022 - Present

- Design and reimagine a new UI interface for their educational resources archive
- Develop a teachable, user-friendly web framework
- Collaborate and perform user research alongside Humanitarian Response department

UI/UX & Front-end Development Intern | MIT

Cambridge, MA · Oct. 2022 - Present

- Lead UX interviews with Czech-German historians abroad to gain insights for development of a collaborative tool
- Spearhead UI and front-end development for use in the digital humanities space

Product Design & Development Intern | Hyundai

Seoul, South Korea · Jun. 2022 - Aug. 2022

- Spearheaded the proposal, design, and prototyping of a new, interactive web application for Hyundai's smart factory venture in Singapore, using **Figma**, **Next.js**, **SASS**, **Framer Motion**
- Presented research on UI/UX for analytics and interaction design to team of 30
- Analyzed current technology trends for use in a smart factory as part of the Singapore Innovation Progress Team

UI Design & Web Development Intern | MIT Media Lab

Remote · Jan. 2021 - Aug. 2021

- Designed and developed new, intuitive web interfaces for teachers and parents, using **React.js**, **Flask**, and **Firebase**
- Visualized data from human-computer interactions and improved upon displays based on user feedback

leadership

Head of Development | HackMIT

Cambridge, MA · Jan. 2022 - Nov. 2022

- Manage team of 15 in developing full-stack web applications written in **React.js**, **Flask**, and **PostgreSQL**
- Organize deployment of all apps on **Heroku** and **AWS** platforms, viewed by thousands of participants every year
- Teach live workshops internally and at hackathons for both college and high school students

Team Captain, Publicity Chair | MIT Mock Trial

Cambridge, MA · Sep. 2020 - Present

- Collaborate with team of 7-9 to effectively and persuasively communicate arguments in a public, high pressure environment
- Develop website for the team and maintain Instagram presence