# amanda tong
## designer & developer

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## education

### Massachusetts Institute of Technology

Cambridge, MA · Class of 2024

BS in Computer Science & Cognitive Science, Korean Concentration.

GPA: 4.8/5.0

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

## skills

### Development

Typescript/React.js, Next.js, Node.js, Express.js, Flask, React Native, Storybook, MobX

PostgreSQL, MongoDB, Firebase, Heroku, AWS, Git

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

### 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 (Advanced)

## interests

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

## experience

### Software Engineering Intern | Bear Robotics

Seoul, South Korea · Jun. 2023 - Aug. 2023

➢ Design and implement UI for an internal application used by robotics engineers, using **Figma, Typescript, Storybook,** and **MobX**
➢ Developed front-end code for Servi Lift's touchscreen, and demonstrated it to Gumi City Hall
➢ Improved code organization by refactoring hundreds of files
➢ Collaborated with other front-end developers, UI/UX designers, and robotics systems engineers

### UI/UX & Front-end Development Intern | MIT

Cambridge, MA · Oct. 2022 - Apr. 2023

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

### Product Strategy Intern | Hyundai Motors

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**
➢ 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