

EMMA HSIAO

College sophomore interested in using artwork, graphic design, and digital media in conjunction with science and technology.

emma.hsiao@gmail.com
www.emmahsiao.me

EDUCATION

Brown University, Providence, RI
CLASS OF 2025 (SPRING 2023 ONWARD)

University of Massachusetts Amherst, Amherst, MA
CLASS OF 2025 (FALL 2021-FALL 2022)

GPA: 4.0/4.0

Relevant Coursework: Honors Biology 161 & 162 (BIOTAP), Honors English 112 (Commonwealth Honors College)

Weston High School, Weston, MA
CLASS OF 2021

ACT: 36 (superscore)

Relevant Coursework: Graphic Design, AP Art, AP World History, AP US History, AP Biology, AP Calc, AP Computer Science, AP Psychology

PROJECTS

SEPTEMBER 2019 - PRESENT

Tale of Scales Poker Cards

Designed, crowdfunded, and manufactured a deck of reptile and amphibian themed playing cards [to promote awareness of the diversity of herpetofauna](#).

The Tale of Scales deck was 100% funded on Kickstarter in 10 days, and [raised over \\$6,000 total](#).

Tale of Scales is pending sale in retail stores.

MARCH 2021 - PRESENT

Video Game Development

Designing, programming, illustrating, and creating a soundtrack for a single-player Role Playing video Game (RPG). Contributed to several game projects as an artist, musician, and programmer.

OCTOBER 2017 - PRESENT

Monetized YouTube Channel & Adobe Skills

Individually running a YouTube channel under the name "Haasio Draws" [and creating and managing content](#). The channel has 20,000 subscribers. Proficient with Adobe Premiere Pro, Media Encoder, InDesign, Dreamweaver, and Photoshop.

EXPERIENCE

JULY 2021 - PRESENT

Research Intern at the Liu Lab at Harvard SEAS

Visiting undergraduate research intern at the Liu lab at Harvard SEAS. Collaborated with scientists at the Broad Institute of MIT and Harvard as well.

JANUARY 2022 - PRESENT

Undergraduate Researcher/3D Artist

Undergraduate researcher using BeastCam technology and photogrammetry software to [create scientifically accurate 3D models of animals](#) at the Irschick Lab at UMass Amherst.

JANUARY 2020 - PRESENT

Scientific Illustrator

Contributor to Van Wallach's (Harvard Museum of Comparative Zoology) species description papers. [Illustrated *Ramphotyphlops mollyozakiae*, and *Indotyphlops timorensis*](#).

JUNE 2022 - AUGUST 2022

UI/UX Design Intern for Cuely

Helped develop a user onboarding program for a mental health wellness app.

JULY 2020 - SEPTEMBER 2020

UI/UX Designer for Artix Entertainment (Contract)

Created icons and proposed UI/UX adjustments for the video game *AdventureQuest 3D*.

VOLUNTEERING

JUNE 2020-SEPTEMBER 2020

Waquoit Bay National Estuarine Research Reserve Content Creation

Organized meetings, analyzed data, created brochures, infographics, exhibit activities, and other resources to [present water quality data more accessibly to the public](#).

JULY 2019-AUGUST 2021

Designer for the Advocates for Snake Preservation (Volunteer)

Created designs for [campaigning and merchandise for the Advocates for Snake Preservation \(ASP\)](#). Started an eco-friendly online store to help ASP fund their research.

AUGUST 2019 - AUGUST 2021

Processing Frog Reintroduction Data

Collaborated with Joe Martinez from the [Harvard Museum of Comparative Zoology](#) to help monitor frog reintroduction at Mt. Auburn Cemetery by analyzing audio samples and translating it into quantitative data. Used the Kaleidoscope software for sound analysis.