

EMMA HSIAO

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

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

EDUCATION

University of Massachusetts Amherst, Amherst, MA
CLASS OF 2025

GPA: 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

Relevant Awards: Outstanding Achievement in Fine Arts (2019, 2020, 2021), Significant Contributions to Science Team and Students for Environmental Action (2021).

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 - MAY 2021

Eastshire: Overcast Video Game

Designed, programmed, illustrated, and created a soundtrack for a single-player Role Playing video Game (RPG) using Gamemaker Studio 2, Photoshop, LMMS, and Musescore.

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.

VOLUNTEERING & EXPERIENCE

JANUARY 2020 - PRESENT

Scientific Illustrator

Illustrator for the Liu lab at Harvard SEAS (internship), and the Wang lab at MIT (freelance). Contributor to Van Wallach's (Harvard Museum of Comparative Zoology) species description papers. Illustrated *Ramphotyphlops mollyozakiae*, and *Indotyphlops timorensis*.

JANUARY 2022 - PRESENT

Undergraduate Researcher/3D Artist

Using BeastCam technology to create scientifically accurate 3D models of animals at the Irschick Lab at UMass Amherst.

AUGUST 2019 - PRESENT

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.

JUNE 2020-SEPTEMBER 2020

Waquoit Bay National Estuarine Research Reserve Content Creation

Analyzed data, created brochures, infographics, exhibit activities, and other resources to present their water quality data more readily accessible and understandable by the public. Initiated and organized a group of programmers and another graphic designer who were also working on this project and handled communication between the researchers and the group.

JULY 2020 - SEPTEMBER 2020

UI Designer for Artix Entertainment (Paid Contract)

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

JULY 2019-PRESENT

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.

RELEVANT AWARDS

2020

**Massachusetts Art Education Association
Emerging Artists Exhibition - Virginia M.
Diani-Adams Award**

2020

**Regional Scholastic Art and Writing Awards
Gold Key (Design)**