

EMMA HSIAO

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

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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 AB, 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](#). The campaign ran for 30 days.

Tale of Scales is pending sale in retail stores.

MARCH 2021 - MAY 2021

Eastshire: Overcast Video Game

Experimented with Gamemaker Studio 2, LMMS, and Musescore to design, program, illustrate, and create a soundtrack for a single-player Role Playing video Game (RPG).

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. I am proficient with Adobe Premiere Pro, Media Encoder, InDesign, Dreamweaver, and Photoshop.

VOLUNTEERING & EXPERIENCE

JANUARY 2020 - PRESENT

Scientific Illustrator

Illustrating for the Liu lab at Harvard SEAS (internship), as well as the Wang lab at MIT (freelance). Also contributing to Van Wallach's species description papers. I have illustrated *Ramphotyphlops mollyozakiae*, and *Indotyphlops timorensis*.

AUGUST 2019 - PRESENT

Processing Frog Reintroduction Data

Worked 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

Wauquoit 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)

2019

Massachusetts State Science Olympiad Meet Division C (Herpetology) - 4th