

EMMA HSIAO

Rising high school senior using [artwork and graphic design](#) to promote [wildlife conservation](#) and education efforts. Aspiring to be a biologist with a focus in ecology, environment, and conservation.

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emmahsiao.me

EDUCATION

Weston High School, Weston, MA
CLASS OF 2021

GPA: 3.84 (Unweighted) 4.33 (Weighted)
SAT II: Biology (Ecology): 790/800
ACT: 33

Relevant Coursework: Honors Physics, Honors Biology, Honors Chemistry, 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 (2020), Outstanding Achievement in Fine Arts (2019), Intermediate II French Department Award (2019)
Relevant Extracurriculars: Science Team, Art Club, Students for Environmental Action (Co-President), National Art Honors Society.

SKILLS

Fundraising and Campaigning

Able to run a successful campaign on crowdfunding sites such as Kickstarter. Worked with several different clients to advertise, manufacture, and deliver campaign rewards. Shipped and managed fulfillment individually.

Adobe Creative Suite/Art and Design

[Proficient](#) with Photoshop, Premiere Pro, and Character Animator. [Familiar](#) with After Effects, InDesign, Media Encoder, and Dreamweaver. Able to create graphics, work with different file types, and edit audio and video. Knowledge in HTML and CSS.

Field Data Collection

[Experienced](#) with the collection of water quality data in both fresh and saltwater ecosystems. [Familiar](#) with performing ecological surveys and tagging fish for tracking.

RELEVANT AWARDS

2020

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

2019

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

EXPERIENCE

JULY 2020 - SEPTEMBER 2020

UI Designer for Artix Entertainment (Contract)

Creating icons and buttons for the game *AdventureQuest 3D*.

SEPTEMBER 2019 - PRESENT

Tale of Scales (Creator)

Designed, crowdfunded, and printed 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 deck is currently pending sale in retail stores.

OCTOBER 2017 - PRESENT

Monetized YouTuber

Currently running a channel [and creating and managing content](#). Experienced with copyright, as well as audience targeting and management.

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. Learned to use the Kaleidoscope software for sound analysis.

VOLUNTEERING

JUNE 2020-SEPTEMBER 2020

Waquoit Bay National Estuarine Research Reserve Content Creation

Reformatted data, created brochures, infographics, and other resources to [help "translate" their water quality data into something more readily accessible and understandable by the public](#). Managed a group of programmers and another graphic designer who were also working on this project and handled communication between the researchers and the group.

JANUARY 2020 - PRESENT

Scientific Illustrator

Creating illustrations for Van Wallach to use in species descriptions papers. [So far, I have contributed to the species description of *Indotyphlops ozakiae*, and am currently working on *Indotyphlops timorensis*.](#)

JULY 2019-PRESENT

Designer for the Advocates for Snake Preservation

Created designs for [campaigning and merchandise for the Advocates for Snake Preservation \(ASP\)](#). Helped start an eco-friendly online store to help them fundraise.