

## EMMA HSIAO

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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## 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-AUGUST 2020

### 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.