

Emma Hsiao

High school junior aspiring to become a wildlife biologist with a focus in **herpetology** and **marine biology**.

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emmahsiao.me

Education

Weston High School, Weston, MA
CLASS OF 2021

GPA: 3.76 (Unweighted) 4.12 (Weighted)
SAT II: Biology (Ecology): 790/800

Relevant Coursework: Honors Biology, AP World History, Graphic Design

Awards: Outstanding Achievement in Fine Arts (2019), Intermediate II French Department Award (2019)

Extracurriculars: Science Team, Art Club, Chamber Orchestra, Chamber Music

Skills

Herpetofauna/Exotics Husbandry

Experienced with the care and handling (when applicable) of aquatic *Emys* turtles, freshwater tropical fish, *Pipidae* and *Lithobates* frogs, and *Rhacodactylus* geckos. **Familiar** with the care and handling of North American colubrid snakes, small-medium pythons, *Eublepharidae* geckos, *Pogona* lizards, North American snapping turtles, and select *Avicularia* spiders. **Basic knowledge** on freshwater tropical fish, aquatic *Emys* turtles, and general lizard diseases.

Adobe Creative Suite

Proficient with Photoshop, Premiere Pro, and Character Animator. **Familiar** with After Effects, Media Encoder, and Dreamweaver. Able to create graphics, work with different file types, and edit video. Knowledge in HTML and CSS.

Wildlife Identification

Able to identify the **majority of the herpetofauna** of the United States, and **certain seaweeds, marine invertebrates, birds, and marine fishes** of Massachusetts.

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.

Experience

OCTOBER 2018 - JUNE 2019

Blanding's Turtle Steward

Contributed to Blanding's turtles conservation by **rearing hatchlings** to a size where they were less vulnerable to predation. Massed and measured them, and reported the data back to Grassroots Wildlife Conservation.

OCTOBER 2017 - PRESENT

Monetized YouTuber

Channel and **content management and creation**. Experience with copyright and its workings, as well as audience targeting and management.

JULY 2016 - PRESENT

Freelance Artist

Working to **create artwork for clients** such as designs for apparel, eBook covers, and images for personal use.

Volunteering

APRIL 2019

Wildlife Educator

Presented at Placentino Elementary School, Holliston, MA about my **involvement in Blanding's turtle conservation**. Used captive red eared slider turtles as animal ambassadors to emphasize the issue of invasive species.

SEPTEMBER 2017-JUNE 2018

Chamber Music

Performed with a **volunteer chamber group** for a nursing home and an art show.

JULY 2019-PRESENT

Volunteer Designer for the Advocates for Snake Preservation

Created designs for **campaigning and merchandise for the Advocates for Snake Preservation (ASP)**. Helped create an eco-friendly online store to help fundraise.

Awards

2019

4th place in the Herpetology event at the Harvard Invitational Science Olympiad Meet and the Massachusetts State Science Olympiad Meet (solo)

2015

MSLA Bookmark Contest Division C Winner