

# Emma Hsiao

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

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## Education

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**Weston High School, Weston, MA**

CLASS OF 2021

**GPA: 3.76/4.12**

**Relevant Coursework:** Honors Biology, AP World History

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

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

## Skills

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### 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

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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

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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

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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**