

## EMMA HSIAO

High school senior using artwork, graphic design, and digital media to promote wildlife conservation. Aspiring to be a biologist with a focus in ecology, environment, and conservation.

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## EDUCATION

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**University of Massachusetts Amherst, Amherst, MA**  
CLASS OF 2025

**Weston High School, Weston, MA**  
CLASS OF 2021

**GPA:** 3.84 (Unweighted) 4.33 (Weighted)

**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),

**Relevant Extracurriculars:** Science Team, Art Club, Students for Environmental Action (Co-President), National Art Honors Society.

## PROJECTS

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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 currently pending sale in retail stores.

MARCH 2021 - PRESENT

### Chytrid Video Game

Producing a story-based single player video game intended to bring awareness to global amphibian extinction due to the chytrid fungus. The game is still in the concept and prototype phase.

OCTOBER 2017 - PRESENT

### Monetized YouTube Channel & Adobe Skills

Individually running a YouTube channel under the name "Haasio Draws" and creating and managing content. Proficient with Adobe Premiere Pro, Media Encoder, InDesign, Dreamweaver, and Photoshop.

## VOLUNTEERING & EXPERIENCE

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JANUARY 2020 - PRESENT

### Scientific Illustrator

Illustrating Van Wallach's species description papers. So far, I have contributed to the species description of *Ramphotyphlops mollyozakiae*, and am currently working on *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. Learned to use the Kaleidoscope software for sound analysis.

JUNE 2020-SEPTEMBER 2020

### Waquoit Bay National Estuarine Research Reserve Content Creation

Analyzed data, created brochures, infographics, exhibit activities, and other resources to present their water quality data as something more readily accessible and understandable by the public. 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). Helped start an eco-friendly online store to help them fundraise.

## RELEVANT AWARDS

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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