

## EMMA HSIAO

College freshman interested in using artwork, graphic design, and digital media in conjunction with science and technology.

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## EDUCATION

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

**Relevant Coursework:** Honors Biology 161 (BIOTAP), Honors English 112 (Commonwealth Honors College)

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

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

**ACT:** 36 (superscore)

**Relevant Coursework:** 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 (2019, 2020, 2021), Significant Contributions to Science Team and Students for Environmental Action (2021).

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

## PROJECTS

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 pending sale in retail stores.

MARCH 2021 - MAY 2021

### Eastshire: Overcast Video Game

Experimented with Gamemaker Studio 2, LMMS, and Muscore to design, program, illustrate, and create a soundtrack for a single-player Role Playing video Game (RPG).

OCTOBER 2017 - PRESENT

### Monetized YouTube Channel & Adobe Skills

Individually running a YouTube channel under the name "Haasio Draws" and creating and managing content. The channel has 20,000 subscribers. I am proficient with Adobe Premiere Pro, Media Encoder, InDesign, Dreamweaver, and Photoshop.

## VOLUNTEERING & EXPERIENCE

JANUARY 2020 - PRESENT

### Scientific Illustrator

Illustrating for the Liu lab at Harvard SEAS (internship), as well as the Wang lab at MIT (freelance). Also contributing to Van Wallach's species description papers. I have illustrated *Ramphotyphlops mollyozakiae*, and *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. Used 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 more readily accessible and understandable by the public. Initiated and 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). Started an eco-friendly online store to help ASP fund their research.

## RELEVANT AWARDS

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