

# Katherine Huang

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## Education

**Massachusetts Institute of Technology** 2019 - 2023

B.S. Comparative Media Studies, Minor in Computer Science

Coursework: Interactive Narrative, Programming, Civic Data Visualization, Evocative Objects

## Experience

**MIT CSAIL Visualization Group**      **Undergraduate Researcher**      Sep 2020 - Present

- Write, design, and code interactive story about COVID-19 and data literacy

**Gatsby**      **Product Marketing and Engineering Intern**      May - Aug 2020

- Researched customer personas and prototyped collection of resources by use case
- Co-led migration of company blog to WordPress; ported complex React components
- Summarized conference talks and contributed to product messaging frameworks

**MIT Senseable City Lab**      **Undergraduate Researcher**      Jan - May 2020

- Built interactive graphs and map of air quality data using D3.js and Mapbox GL JS
- Translated static mockups and client feedback into modular, performant implementation

**Repl.it**      **Community Intern**      Jun - Aug 2019

- Interviewed users, promoted online hackathon on social media and blog, edited weekly newsletter

**University of Massachusetts**      **Bioinformatics Researcher**      Jul - Aug 2018

- Analyzed and visualized effects of DNA methylation on duplicate gene evolution using R

## Leadership

**We Are America**      **Webmaster and Co-Founder**      Jun 2018 - Present

- Built and maintain website with React, Airtable API, Netlify CMS to host and organize audio stories from 1000+ students; designed user-friendly blogging and story submission workflows
- Shared experiences with educators and community at Boston Book Festival, HUBweek

**Science and Us**      **Founder and Advisor**      Feb 2018 - Mar 2020

- Organized 4 events for high schoolers to make projects and meet science journalists, artists, policymakers, etc. Raised \$6000, led remote student team, and presented at national conferences

**MAHacks III & IV**      **Lead Organizer**      Sep 2017 - May 2019

- Re-designed and developed website, logo, and branding materials
- Secured venues for ~100 attendees and recruited volunteer mentors from local tech companies

## Miscellaneous

**Technical Skills:** JavaScript (React, Node.js, D3.js), HTML/CSS, Python (Flask, NumPy), R, Git

**Activities:** MIT *Chroma* magazine, Asian Dance Team, Addir Interfaith Fellowship

**Interests:** Writing about Internet culture, drawing, and making side projects (like [weirdflex.me](http://weirdflex.me))