

# IRENA HWANG

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## PORTFOLIOS

- + irenatfh.github.io/
- + github.com/irenatfh

## SKILLS

### Computer-assisted reporting

- + Python (pandas, scikit-learn, SciPy, spaCy)
- + MATLAB, R
- + JavaScript, D3, HTML, CSS
- + SQL

### Audio/video editing

- + Hindenburg
- + Adobe Premiere Pro

### Languages

- + Mandarin
- + Southern Min
- + Spanish

### Explaining jargon

- + Genetics, molecular biology, natural language processing, artificial intelligence, statistical signal processing

## ORGANIZATIONS

- + Asian American Journalists Association
- + Investigative Reporters and Editors
- + NLGJA: The Association of LGBTQ Journalists
- + Friends of Joe's Big Idea

## ABOUT ME

- + Multiformat, data-driven narrative storyteller trained in academic engineering
- + Experienced in covering science, technology, food, arts and entertainment, and Asian American and LGBTQ communities

## EXPERIENCE

**NPR** | Atlanta, GA | September 2020-Present

Planet Money podcast production intern

**The Associated Press** | Atlanta, GA | July 2020-September 2020

Data team intern doing analysis and producing graphics for education, business and global investigations stories

- + Created a covid-19 data dashboard for regional reporters
- + Gathered and performed data entry for a multi-newsroom collaboration

**MIT Catalysts** | Atlanta, GA and Menlo Park, CA | June 2019-Present

Podcast host, writer and editor highlighting MIT alumni leaders and entrepreneurs

- + Created a special covid-19 series featuring alumni on the health care front-line

**Peninsula Press** | Stanford, CA | September 2019-June 2020

Local reporter covering technology and tech culture in the San Francisco Bay Area

- + Produced print, audio and video pieces about tech workers leading community-building efforts in local government and tech companies

**The Dallas Morning News** | Dallas, TX | June 2019-September 2019

Features and enterprise intern covering the Dallas-Fort Worth Metroplex

- + Profiled local community leaders in medicine, arts, food and beauty industries
- + Reported and produced a classical music podcast

**Big Local News** | Stanford, CA | May 2018-June 2020

Data analyst, investigative journalist and local reporter investigating corporate spending, local service requests, school districts and wildfires

- + Created data documentation and story recipes to help local journalists customize data-driven
- + Filed and managed public records requests; cleaned and curated data sets

**Goggles Optional** | Stanford, CA | October 2017-June 2019

Writer, host and editor. Contributed to radio episodes about scientific research

- + Explained the latest in genetics, ethics, psychology and artificial intelligence for a general audience with humor and clear, approachable language

## STUDENT PROGRAMS, FELLOWSHIPS & AWARDS

**ProPublica Diversity Scholarship** | Spring 2020

**NLGJA CONNECT** | Summer 2019

**Chips Quinn Scholars Program for Diversity in Journalism** | Spring 2019

**AAJA Voices** | Summer 2018

## EDUCATION

**Stanford University** | Stanford, CA

Master of Arts in Journalism, 2019-2020

Doctor of Philosophy in Electrical Engineering, 2012-2019

**Massachusetts Institute of Technology** | Cambridge, MA

Master of Engineering in Electrical Engineering and Computer Science, 2011-2012

Bachelor of Science in Electrical Engineering, 2007-2011

