IRENA HWANG

irenatfh@gmail.com

twitter.com/irenatfh
602-402-1298

PORTFOLIOS

+ irenatfh.github.io
+ github.com/irenatfh
+ linkedin.com/in/irenatfh

SKILLS

Computer-assisted reporting

+ Python

Explaining jargon

+ Genetics, molecular biology
+ Natural language processing, artificial intelligence
+ Data compression, statistical signal processing

Languages

+ Mandarin
+ Spanish

ORGANIZATIONS

+ Asian American Journalists Association
+ Investigative Reporters and Editors

ABOUT ME

+ Great at: adapting scientific research for news stories, creating conversational explainers about abstruse topics
+ Thinking about: regulation in the healthcare and technology industries
+ Excited to: illustrate science concepts both verbally and visually

EXPERIENCE

ProPublica | New York, NY | February 2021-Present

Data reporter on the global public health team

+ Contributing novel modeling, data analysis, data graphics and illustrations
+ Collaborating with local and national reporters on public health, criminal justice, food safety and environmental equity investigations
+ Holding regular "office hours" to help reporters find, use, and understand data
+ Co-leading DEI professional outreach for the newsroom

NPR | Atlanta, GA | September 2020-January 2021

Planet Money production assistant and podcast production intern

+ Enhanced the show with newsletter data graphics and TikTok explainer videos

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

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

+ Created a data dashboard and reported on local COVID-19 policies
+ Communicated science concepts and performed data analysis for a special collaboration with FRONTLINE

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

Features and enterprise intern covering the Dallas-Fort Worth Metroplex

+ Expanded the Arts and Entertainment desk's coverage of community leaders of color in the medical, arts, food and beauty industries

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

Data journalist investigating local service requests, school districts and wildfires

+ Created story recipes to help local reporters customize data-driven stories

LEADERSHIP

AAJA Voices | Data and graphics editor, investigative team | Summer 2022, 2021
Chips Quinn Scholars/Gannett | Mentor | Summer 2021

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 EE and Computer Science, 2011-2012
Bachelor of Science in EE, 2007-2011