

IRENA HWANG

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PORTFOLIOS

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

SKILLS

Computer-assisted reporting

- + Python
- + SQL

Languages

- + Mandarin
- + Spanish

Explaining jargon

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

Audio/video editing

- + Hindenburg
- + Adobe Premiere Pro
- + Pro Tools

ORGANIZATIONS

- + Asian American Journalists Association
- + Investigative Reporters and Editors

ABOUT ME

- + Great at: finding stories in data, explaining concepts verbally and visually
- + Thinking about: scientific research, policy and accountability
- + Excited to: communicate science, apply NLP/ML techniques in news

EXPERIENCE

ProPublica | New York, NY | February 2021-Present

Data reporter on the global public health team

- + Contributing data analysis on novel data sets, data graphics and illustrations
- + Collaborating with national reporters and Local Reporting Network fellows on 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 out a story about 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