

Dana Chiueh

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Using code and product design to tell better community-oriented stories with impact.

EDUCATION

Stanford University
B.S. Computer Science
June 2023 | 3.95

- Coursework: Data Visualization, Computational Journalism, Web Applications, Watchdog Reporting, Big Local Journalism
- Data Journalism Teaching Assistant; Resident Assistant

SKILLS

Visualization:

D3, Mapbox, Flourish, Datawrapper, Tableau

Web Development:

HTML, CSS, JavaScript, React, Node, jQuery, Bootstrap, git

Data Analysis:

Python, pandas, Jupyter Notebook, Excel, web scraping, Google Sheets, machine learning

AWARDS

NICAR23 Fellow • RJI Student Innovation Competition Finalist • NYC Media Lab AI + Local News Challenge Finalist • Recipient of support from ONA and OpenNews

WORK EXPERIENCE

Computational Journalist (Contract), *The Dallas Morning News* 6/2022 -
Python • Pandas • Tableau • Excel • Datawrapper • FOIA

- Ran advanced data analyses in Python to develop leads in investigation on police brutality. Filed public records requests to gather data and create datasets. Designed and built interactive graphics to support storytelling.

Freelance Data Journalist, *Insider* 3/2022 - 9/2022

Python • Jupyter • Pandas • Natural Language Processing

- Developed data methodology for text classifier of 1,000+ qualitative legal documents as sole data journalist on investigation of prison doctrines. Engineered features for machine learning and collaborated with expert statisticians.

Journalist Product Manager, *Sierra Vista Herald/Review* 7/2020 - 6/2021

Python • Selenium • MapboxJS • Datawrapper • JavaScript • Data analytics

- Pitched multimedia community reporting with audio, video, and interactive graphic features. Wrote biweekly service journalism newsletter that 2x'ed newsroom editorial open rates. Built Python web scraper as an internal tool to maintain reader data.

Reporting Intern, *Long Island Press* 6/2020 - 8/2020

- Pitched and reported over 30 general assignment stories on COVID-19, education and dining. Authored August 2020 cover story on local Black Lives Matter movement.

Digital Media and Technology Intern, *Smithsonian Asian Art* 8/2019 - 9/2019

JavaScript • Bootstrap • HTML/CSS • Data analytics

- Reimagined Flash web features into JavaScript-native interactives using Bootstrap.

NEWS APP PROJECTS

Quoteworthy ([link](#)) 1/2022-3/2022

React • Python • Natural Language Processing

- Custom searchable database helping journalists find sources from others' reporting using quotes algorithmically extracted from the *New York Times* archive. Collaboratively developed with 3 engineers and 2 journalism students.

Tipbot ([link](#)) 12/2022-3/2023

React • OpenAI • GPT-3

- GPT3-powered news tipline improving the effectiveness of the tipping process.
- 2022 AI + Local News Challenge finalist and 2023 RJI Student Innovation Competition finalist. Independently developed and implemented software and tested with readers and journalists across 3 newsrooms.