

Dana Chiueh

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Using code and product design to tell better stories.

EDUCATION

Stanford University

Bachelor's of Science, Computer Science - GPA: 3.95

Graduation: June 2023

- Coursework: Data Visualization, Computational Journalism, Natural Language Processing, Web Apps
- Big Local News Teaching Assistant; Resident Assistant, Spoken Word Collective co-director

TECHNICAL PROJECTS

Tipbot - *GPT-powered news tipline improving the effectiveness of the tipping process* 12/2022-3/2023
React • OpenAI • GPT-3

- 2022 AI + Local News Challenge finalist and 2023 RJI Student Innovation Competition finalist.
- Independently developed chat interface and tested with readers and journalists across 3 newsrooms.

Quoteworthy ([link](#)) - *Search engine helping journalists find sources from others' reporting.* 1/2022-3/2022
React • Python • Natural Language Processing

- Developed product roadmap and 10-week development timeline in highly cross-functional team.
- Received positive feedback from reporters in 5 newsrooms.

Sunbursts - *Full-stack photo-sharing app modeled after Instagram* 4/2022-6/2022
MongoDB • ExpressJS • Node.js • React • RESTful API

- Features included user login, commenting, photo upload, dynamic activity feed, user deletion and likes.

EXPERIENCE

Computational Journalist, The Dallas Morning News 6/2022 -
Python • Pandas • Sci-kitlearn • Tableau • Excel • Datawrapper

- Cleaned and processed 160,000+ rows of tabular data with Python for investigative project.
- Acquired and joined datasets to find insights to present to investigative partners. Filed FOIA requests.

Data Journalist, Insider 3/2022 - 9/2022
Python • Jupyter • Pandas • NLTK

- Developed and implemented data methodology for text classifier of 1,000+ qualitative court documents.

Journalist Product Manager, Sierra Vista Herald/Review 7/2020 - 6/2021
Python • Selenium • MapboxJS • Datawrapper • JavaScript • Data analytics

- Maintained data integrity for over 3,000 users during platform migration with Python and Selenium.
- Worked cross-functionally with designers to create custom code solutions for enterprise integrations.
- Increased engineering practice awareness for process documentation and Sprints.

Digital Media and Technology Intern, Smithsonian National Museum of Asian Art 8/2019 - 9/2019
JavaScript • Bootstrap • HTML/CSS • Data analytics

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

Research Intern, Industrial Technology Research Institute 7/2018 - 9/2018

- Collaborated cross-functionally with engineers, UI/UX designers in Sprint to design rapid prototype
- Led team of Stanford students as engineering lead; chosen as best project by panel of venture capitalists

AWARDS

ONA22 Fellowship • NICAR23 Fellowship • RJI Student Innovation Competition Finalist • NYC Media Lab AI + Local News Challenge Finalist • Stanford VPA Arts + Justice Grant Recipient