

Emma Stiefel

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Experience

Newsroom Developer *San Francisco Chronicle*, April 2022-present

- Develop webpages and analyze data in collaboration with other newsroom teams
- Lead developer on year-long analysis of property ownership data

Developer Fellow *San Francisco Chronicle/Hearst Media*, Aug.2021-April 2022

- Contributed to large-scale newsroom engineering projects: web dev and data work

Technical Contractor *Metrics for News/American Press Institute*, Sept. 2020-Aug.2021

- Created interactive data visualizations of newsroom engagement metrics
- Wrote documentation of metrics for users without a technical background

Editor-in-Chief and Journalist *Minerva Quest student newspaper*, Aug. 2017-May 2021

- Managed 10 writers; oversaw doubling of publishing rate in 2020
- Led investigation of financial aid policies; held university staff accountable

Editorial Intern *Cincinnati CityBeat*, May-Aug. 2019

- Fact-checked and copy edited articles; pitched and published 2 articles and 1 video
- Investigated local college's accreditation problems

Education

Data Science (B.Sc.) and History (B.A.) *Minerva Schools at KGI*, Aug. 2017-May 2021

3.84 GPA. I learned how to use Python to clean, analyze, and visualize data in data science classes, with a focus on writing efficient algorithms and building models. I honed my research and storytelling skills, as well as my ability to reason ethically and historically, in humanities classes.

High School Diploma *Lakota East High School*, Aug. 2014-May 2017

Skills

- Front-end development: React.js
- Data analysis: Python, Pandas
- Web scraping: Python
- Digital graphics development: d3.js, Adobe Illustrator, Datawrapper
- Mapmaking: Maplibre, GeoPandas

Interests

- Digital humanities and data ethics
- Audience engagement and metrics
- Statistics and causal interest
- Interactive web design, customization
- Back-end engineering
- History and archival research