
Emma Stiefel

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emmastiefel.github.io

Education

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

3.82 GPA. I have learned how to analyze data and design efficient algorithms in data science courses, focusing on Python and techniques like Bayesian inference and network analysis. I have practiced web scraping and multimedia storytelling in history and digital humanities classes.

High School Diploma Lakota East High School, Aug. 2014–May 2017

Experience

Technical Contractor *Metrics for News/American Press Institute*, Sept. 2020–Present

- Create interactive data visualizations of newsroom engagement metrics
- Write documentation explaining metrics to users without a technical background

Editor-in-Chief and Journalist *Minerva Quest student news website*, Aug. 2017–Present

- Manage 10 writers; oversaw doubling of publishing rate in past year
- Created interactive data visualization about student visa fees; helped students budget
- Led investigation of financial aid policies; filled gaps in college's communications and increased awareness and pressure to improve transparency about financial issues

Tech Support Intern *Minerva Project*, May. 2020–Aug. 2020

- Created 7 videos explaining how to use Minerva's online learning platform

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; published one of the first articles on the story

Journalism Fellow *Asian American Journalists Association Voices Program*, May – Aug. 2018

- Produced 5 minute audio story based on in-depth personal interview

Reporting Intern *Hamilton Journal-News*, June–Aug. 2017

- Produced online content on tight deadlines, including 25 articles and 1 video

Editor-in-Chief *Lakota East Spark news magazine*, Aug. 2016–May 2017

- Created video program, led staff of 80, consistently wrote articles on deadline
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Skills

- Intermediate Python: Pandas, Matplotlib
- Intermediate data visualization: D3.js and Adobe Illustrator
- Intermediate web scraping: BeautifulSoup
- Intermediate data analysis, statistics
- Basic HTML/CSS and JavaScript

Interests

- Digital humanities and history
 - Natural language processing
 - Graphic design and animation
 - Experimental data visualization
 - Statistics and causal inference
 - Cognitive science, studying communication
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