

# ERIN MANN

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## SUMMARY

Motivated data analyst with a versatile background in data journalism. Critical thinker with the ability to mine, clean, and analyze data. Well versed in working independently or in teams and using data to tell stories. Enjoys using communications background to explain technical aspects of data and bringing data to life visually. Strengths include analytical problem solving, attention to detail, and a positive personality that would be an asset to any team.

## TECHNICAL SKILLS

**Languages:** Python, SQL, HTML, CSS, JavaScript

**Databases:** GIT, GitHub, PostgreSQL, MongoDB

**Tools:** Excel, Pandas, Jupyter Notebook, Matplotlib, Plotly, Trello, Tableau, D3

## PROJECTS

**Observable Impacts of Climate Change** | <https://github.com/erinmann12/climate-project>

- Used Python and Pandas to clean and compare a variety of data sets to see if there are observable impacts of climate change in relation to natural disasters and their related costs. Used Matplotlib to create charts to visualize data.
- Responsibilities: Cleaned natural disaster data, created charts to visualize data, compiled all of the group's work together, kept the group on track and organized with deadlines.
- Tools: Jupyter Notebook, Python, Pandas

**COVID-19 Cases and Vaccinations in Arizona** | <https://github.com/erinmann12/etl-project>

- Used Python and Pandas to clean and compare a variety of data sets to see how COVID-19 case and vaccination data varied by Arizona county.
- Responsibilities: Cleaned the dataset, compiled all of the group's work together, loaded tables into PostgreSQL, queried data in SQL, kept the group on track and organized with deadlines.
- Tools: Jupyter Notebook, Python, Pandas, PostgreSQL

**Housing Price Index Flask App** | <https://hpi-index-app.herokuapp.com/>

- Created a Flask app of the Federal Housing Price Index from a database
- Responsibilities: Cleaned the dataset, compiled all of the group's work together, loaded tables into SQLite, created a D3 bar race and Plotly chart, designed the website, kept the group on track and organized with deadlines.
- Tools: Jupyter Notebook, Python, Pandas, D3, Plotly, JavaScript, HTML, CSS, Flask, SQLite, Leaflet

## EXPERIENCE

**News Contract Writer**  
**The Western Journal**

2019 – Present  
**Remote**

- Produced news articles geared toward the publication's audience
- Wrote four political news stories a day for the online newspaper
- Focused on accuracy, honesty, and factual integrity

**Story Editor**

2017 – 2019

**The Western Journal****Phoenix, AZ**

- Edited 10-15 stories a day for the online publication with acute attention to detail
- Checked for readability and accuracy
- Proofread for errors
- Edited social media posts for errors and accuracy
- Lead a team to produce a series of data journalism projects on Congressional Facebook pages using data and visualization to investigate how much reach a member of Congress received on the social media platform.

**Communications, Marketing, Research Intern**

2017

**Eugene Water & Electric Board****Eugene, OR**

- Constructed a social media schedule with planned posts
- Managed a section of the company's website for weekly updates
- Created a website for the annual event [runtostaywarm.org](http://runtostaywarm.org)
- Co-organized the annual half marathon event Run To Stay Warm

**EDUCATION****Data Analytics Boot Camp Certificate: University of Arizona**

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**Visualization for Data Journalism Certificate: University of Illinois at Urbana-Champaign**

A five-week program about the presentation of data, how and why the visualizations work, and how to visualize data the right way using Python Libraries, Plotly, Data Reporting, and Data Viz.

**Bachelor of Arts in Journalism with Honors, Minor Digital Arts: University of Oregon,**

Senior thesis covered the ethics and effectiveness of interactive data visualizations and was published in the book *Data Journalism: Past, Present and Future*.

**VOLUNTEER WORK****Girls on the Run | Coach and Fundraiser**

As a coach, I volunteered twice a week to lead a group of young girls in a series of lessons to help them learn to live joyful, healthy, and confident lives. This organization incorporates running into the curriculum to teach young women how to set and achieve goals.