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DATA VISUALIZATION ENGINEER
Katie Marriner

SKILLS

Front-end		Data		Other	
JavaScript	>10 years	Python	5 years	Git	>10 years
Svelte	5 years	Pandas	5 years	Figma	5 years
D3.js	>10 years	Excel/Google Sheets	>10 years	Illustrator	>10 years
HTML/CSS	>10 years	QGIS	3 years	GitHub Actions	2 years
Vue.js	5 years	SQL	3 years		

EXPERIENCE

MarketWatch; Data Journalist and Interactives Developer; November 2015 - Present

- Design and develop interactive data visualizations and presentations with D3.js and Svelte to provide context, explanation and commentary seamlessly and clearly for all screens and devices
- Publish, write and produce one small visualization per week and one large interactive per quarter
- Particular expertise of economic, market and political data, both tabular and spatial
- Extract data from various sources (APIs, spreadsheets, and web scraping) using extensive experience to do so quickly and efficiently
- Clean, aggregate and analyze data using Jupyter Notebooks, Google Sheets and QGIS
- Implement and maintain a data pipeline using Python scripts and GitHub Actions to create iterative, repeatable processes
- Facilitate meetings with stakeholders to identify topics and plan projects effectively

New York University; Adjunct Professor; January-May 2020

- Taught technical skills relevant to data journalists, including Excel, Tableau and Datawrapper
- Provided an ethical framework for journalistic practices analyzing, reporting and visualizing data
- Prepared students to write a 3,000-word data-driven story with a data visualization
- Gave a history and overview of data journalism and the different facets of the industry

ACHIEVEMENTS

Project: Where's the best place for me to retire?

- Compiled and standardized data from over 20 different government, corporate and nonprofit sources to create profiles of over 3,000 counties
- Achieved 1.5 million+ page views, averaging 4:03 minutes of engagement

Project: See how housing inventory has changed in your county

- Organized data on various metrics of the housing market for over 2,000 counties in order to create a useful visual tool for readers to compare home prices, inventory and trends
- Reported out seven stories alongside the housing inventory tool to get on-the-ground perspective from homebuyers and sellers in key markets

EDUCATION

University of North Carolina; Journalism and Mass Communication – May 2014