



# KARTHIKA NAMBOOTHIRI

## DATA/GRAPHICS JOURNALIST

### CONTACT

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### SKILLS

#### Data

Python, pandas, SQL, web scraping with Selenium and BeautifulSoup, HTML, CSS, Javascript

#### Visual

D3, DataWrapper, Adobe Illustrator, Photoshop

#### Mapping

QGIS, Mapbox, Altair

### SELECTED PROJECTS

#### Why Southern California fears too much water conservation

*The San Diego Union-Tribune*

Examined data from multiple state and county sources using Python libraries. Created graphics using Adobe Illustrator and Datawrapper

#### Empty and decaying: Puerto Rico's housing crisis

*Columbia Journalism School*

Georeferenced PDF files using QGIS to obtain locations of abandoned houses. Interactive graphic created using Mapbox and Flourish

#### Schools in Bangalore give children no room to play

*Columbia Journalism School*

Calculated the area of every school playground in the city of Bangalore using QGIS and Open Street Map. Illustrations created on Adobe Illustrator

### EDUCATION

#### Columbia University Graduate School of Journalism, New York

**Master of Science in Data journalism, graduated Aug. 2021**

*Shobhana Bhartia Fellowship Recipient | IRE Diversity Fellow '21*

Coursework included investigative reporting with data techniques using Python and libraries, web scraping and APIs, mapping analysis using QGIS, and creating regression models and image recognition algorithms

#### Mount Carmel College, Autonomous, Bangalore, India

**Bachelor of Arts in Journalism, Literature and Psychology, graduated 2017**

Secretary of the Literary Society; Editor of college magazine Carmelite

### WORK EXPERIENCE

#### The San Diego Union-Tribune

Data and Graphics Journalist (Sept. 2021- present)

- Visualize county-level data for online and print and collaborate with beat reporters on local stories
- Obtain data from state and county officials; perform data cleaning and analysis
- Assist the newsroom's digitizing efforts through the development of long-form graphic stories

#### Reuters

Correspondent, commodities and energy (Aug. 2017-Jan. 2020)

- Reported on trends in oil, precious metals and agriculture products, analyzing policy impact on markets
- Used social media to track the health of U.S. oil refineries and write breaking news stories
- Built a large global network of analysts, traders and farmers to strengthen the accuracy of team's reporting and polling