Marie Patino

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Education
Master's Degree
M.S. Data Journalism
Columbia Journalism School
New York City, NY
2017 - 2018

Exchange Student
Political Science
Massachusetts Institute of
Technology and Harvard
2016 - 2017

Bachelor's Degree
Social Sciences: Sociology
Sciences Po, Paris
Reims, France
2014 - 2017

Skills
Programming
Python, R, ggplot2
Javascript D3, Node.js,
Parcel, Leaflet, GreenSock
SQL
HTML, CSS, Bootstrap
Amazon Web Services
Git, SVG Crowbar, AI2HTML

Software
Excel
Adobe Illustrator, InDesign,
Lightroom
Tableau
QGIS
pgAdmin

Languages
English
Spanish
French (native)

Projects
Data Project - Analysis of all languages spoken in New York City.
Analyzed all languages spoken in the city by Census Tract, to track changes (using census data: ACS 5 years and decennial census). Visualized findings using dynamic area charts, "scrollytelling" with the Scrollama library, dot density maps and interactive map, all built in D3.js

Data Project - Visualization of the last words of all inmates who have been executed since 1981
Scraped various sources (newspaper articles, government database), using Selenium, and cleaned data using Python, to build a database. Conducted a tf-idf analysis on the dataset to get a term frequency of the most spoken last words. Create bar charts and scrollytelling animations to visualize findings, and a search bar to make the dataset accessible to users.

Experience
Graphics Intern
Bloomberg
New York City, NY | Jan.2019 - Present
Part of the data visualization team at Bloomberg News. Producing graphics using Javascript, D3.js, GIS Software and Adobe tools. Assisting reporters in writing and coding stories, and analyzing data using Python and R.

Data Journalism Intern
ACLU
New York City, NY | Oct. 2018 - Dec. 2018
Part of the ACLU's newly created data team, that cooperates with the legal team to help with contentious cases. Working on topics as diverse as immigration, social justice and education, and visualizing findings for the ACLU's blog.

Data Contractor
ProPublica
New York City, NY | Aug.2018 - Sep. 2018
Assisted reporters in discovering data stories on current immigration practices using an SQL database. Served as key contact point for newsroom and reporters for queries regarding the project. Documented Python and SQL for replication.

Adjunct Assistant Professor
Lede Data Journalism Program
Columbia University, New York City | May 2018 - Dec. 2018
Supported data journalism students in finding stories within data. Assisted with Foundations of Computing in Python, Data and Databases, Data Visualization, Algorithms (Python, SQL and D3.js), and Geographic Information Systems (QGIS).

Editorial Intern
Molotov TV
Paris, France | July 2017
Worked for the content team of the Web TV platform, feeding the application's database with biographies of public figures. Contributed to improving SEO.

Research Assistant
Le Monde
Paris, France | July 2016
Research Assistant for a reporter at France's largest daily newspaper. Helped in archival research, interviews, and transcribing notes in the making of a six-day summer series.