

# Zhizhou Wang

Data Visualization Engineer

## INFO

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## Profile

3+ years of professional experience as data visualization engineer and UI/UX designer in developing frontend applications.

Expertise in transforming business requirements into high fidelity visualizations and prototypes.

Passionate about exploring and collecting data from daily life then visualize them.

## PROGRAMMING LANGUAGE

d3.js	JQuery
HTML	CSS
PYTHON	SQL
Git	

## SKILLS

Adobe Illustrator	QGIS
Photoshop	Adobe XD
Tableau	Maya
Adobe Premiere	Adobe Indesign

## LANGUAGE

English	Mandarin
Spanish	

## WORK EXPERIENCE

### Operational Research and Data Visualization Engineer

**Equinox Fitness, New York** 2017 - Current

First data visualization engineer at Equinox, designed, built and supported major company wise internal dashboarding projects.

**GM Dashboard** | A real-time dashboarding web app built with JavaScript front end (D3.js, JQuery, Bootstrap) and Python Flask back end. Visualization includes 7 sessions that cover daily and monthly KPIs throughout all levels of management. Since its launch in early 2018, it has become the primary reporting platform with 200+ users and 500+ daily pageviews.

**Retail Dashboard** | React Native app to visualize sales information from club to company level.

Other **dashboarding projects** include but not limited to | HR Dashboard, Regional Dashboard, Group Fitness Dashboard

**UI/UX Designs** | Created UI designs, provided directions for user experience and visual design consistency to projects like Member Profile, Employee App

### Interviewer

**University of Miami, Miami FL** 2016

Conducted a series interview in the major media in NYC, including New York Times, Wall Street Journal, 538, Propublica about the evolution of data visualization in news-rooms and data storytelling.

In charge of the whole interview process including video shooting, dictation and video editing.

### Graphics Designer

**Urban Impact Lab, Miami FL** 2015

## PROJECTS

### Does Gun Control Make US Safer?

*Python | Adobe Illustrator*

Due to several terrible mass shooting incidents in the past years, gun control has become an increasing political topic that all parties are trying to figure out a solution to. Using data from [gunviolencearchive.org](http://gunviolencearchive.org), this project aims to classify open fire incidents and their relationship with population and regulations.

### Studies Finds Significant Overlap Between Sharks & Fisheries

*d3.js | Maya | Adobe Premiere | Three.js*

Shark catches have significantly increased since the 1990s, primarily due for an increasing demand for shark fins. In a recent study, researchers satellite tagged and tracked more than 100 sharks from six different species in the North Atlantic while concurrently tracking 186 GPS-equipped longline fishing vessels.

## EDUCATION

The Bernard M. Baruch College, The City University of New York NY  
**Master of Science, Information System**

Columbia University Graduate School of Journalism, New York NY  
**The Lede Program**

Focus on data analysis, data visualization and multimedia storytelling.

University of Miami, Miami FL  
**Master in Public Administration**

Universidad de Alcala de Henares, Spain  
**1 Year Exchange in Busniness Administration**

Shanghai International Studies University, Shanghai China  
**B.A. in English Translation and Spanish**