

# SPE CHEN

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 [github.com/spepechen](https://github.com/spepechen)

## EDUCATION

### Columbia University in the City of New York

*The Lede Program, Graduate School of Journalism*

MAY 2015 - DEC 2015

New York, New York

- Mined 10 millions rows of NYC 311 complaints data sets and mapped categorized complaints to detect problems of neighborhood.
- Scraped Pulitzer Prize official website creating database of all winners over the past 100 years to estimate the sex ratio.
- Courses: Algorithm, Data and Databases, Essential Data Structure, Applied Statistics, Applied Lin Regression Analysis, Storytelling with Data

### National Taiwan Normal University

*Bachelor of Art in English*

SEP 2010 - JUN 2014

Taipei, Taiwan

- Related course: Understanding News Media, Programming for Social Science, Statistics and Research Method

## WORK EXPERIENCE

### The Palm Beach Post

*Data Intern*

MAY 2016 – NOV 2016 (expected)

West Palm Beach, FL

- Collaborated with reporters on an investigation about heroin epidemic in South Florida, a news package on traffic citation and a voter's guide for the primary election
- Created interactive charts and maps on daily news and investigative stories using D3.js, QGIS and Illustrator. Designed and developed news packages using Bootstrap and Flask
- Performed statistical analysis on datasets in Python to find unique story ideas and write data-driven stories

### The News Lens

*Social Media Manager*

JUN 2014 - APR 2015

Taipei, Taiwan

- Boosted the number of Facebook Fan Page fans 160% to 200,000 likes, which also ranked top 3 engagement in the category of new news media in the entire country
- Developed publishing strategy including editing, curating and audience development, which led one of the news products shared more than 5000 times in 3 days
- Analyzed traffic and social data to drive strategic content choices, which caused company's website to rank top 100 in the entire country

### The News Lens

*Editorial and Business Development Intern (Rotational)*

JUN 2013 - DEC 2013

Taipei, Taiwan

- Wrote news analysis and daily briefing of trending topics; researched market and competitors; created 10 in-depth reports directly presenting to CEO

## SKILLS

### Programming Languages

Proficient: Python

Experienced: SQL, R, HTML, CSS, JavaScript, D3.js, jQuery

### Tools

Bootstrap, Adobe Illustrator, Adobe Photoshop, OpenRefine, QGIS, CartoDB, Git(Version Control), API implementation

### Languages

Mandarin, Taiwanese, English

## INTEREST

Fusion cuisine cooking, martial arts (a silver medalist in national WAKO kick-boxing tournament), doodling