SPE CHEN

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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 kickboxing tournament), doodling