Yelin Hong

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EDUCATION:

Columbia University, New York, N.Y.   **Sept.2013 – May 2015**
Dual Degree M.S. in Journalism and Computer Science
- Covered the beat of public transportation, pitched and reported stories every week incorporating technological skills; built up interactive map and graphics showing how Bike Lane Projects improve the street safety in New York for the enterprise story of reporting class
- Produced a short documentary on a homeless single mother with two children for video class
- Wrote a long-form narrative story about students visiting with one of China's leading AIDS activists in Harlem
- Recipient of Geffen Scholarship Fund for academic achievement and overall record

Southeast University, Nanjing, China   **Sept. 2009 – June 2013**
Bachelor's Degree in Electrical Engineering
- GPA: 3.80/4.00, graduated with honors (top 5%)

EXPERIENCE:

The Atlanta Journal-Constitution   **June 2014 – August 2014**
Data/Multimedia Journalist Intern
- Analyzed data and designed data visualization for long-form investigative stories
- Projects include data viz featuring a data-driven story on racial disparity in the gifted program in Georgia and a investigate story on the change of prison population for the past 30 year in Georgia

Tow Center For Digital Journalism   **Oct. 2013 – March 2014**
Researcher, Headcounts From Image Analysis
- Built an image processing tool that can detect heads of still and video photography using Matlab
- Adapted and improved existing computer vision libraries and state-of-the-art object detection techniques

djchina.org   **Oct. 2013 – present**
Editor, writer
- Pitch and write 500-600 word data-driven stories for the leading data journalism website in China every month, works range from interactive design to data visualization

Jinling Evening Newspaper, Nanjing, China   **Aug. 2012 – May 2013**
Reporter Intern
- Conducted interviews, developed news stories of education and local social issues for the largest news agencies in Nanjing which has a daily circulation of one million

Skyworth Co., Ltd, Nanjing, China   **July 2012 – Sept.2012**
Software Engineer
- Contributed to the design of middleware of *Smart Home*, a embedded wireless sensor network for healthcare
- Wrote C programs of software interface to receive and analyze data collected by sensors

SKILLS:

Programing Languages:
Python, Java, C++, R, Matlab,

Web design:
HTML, CSS, JavaScript/jQuery, d3.js, Backbone.js

Maps:
CartoDB, Mapbox, Google Maps

Database:
MySQL, APIs (Twitter, The New York Times, Bing, Google)

Multimedia:
Digital audio/video editing (Final Cut Pro and Adobo Audition

Languages:
Mandarin (native speaker)

COURSES:

Reporting

Narrative Writing

Video

Advanced database

Computational Journalism

Algorithm

Machine Learning

Artificial Intelligence