

# Weijia Xiong

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## EDUCATION

**COLUMBIA UNIVERSITY MAILMAN SCHOOL OF PUBLIC HEALTH, New York, NY** expected May 2021

*Master of Science, Biostatistics GPA: 3.9*

Relevant Courses: Biostatistics Method, Statistical Inference, Statistical Computing, Data Science, Probability, Epidemiology

**EAST CHINA NORMAL UNIVERSITY, Shanghai, China** June, 2019

*Bachelor of Science in Statistics GPA: 3.6*

**UNIVERSITY OF CALIFORNIA AT LOS ANGELES, Los Angeles, CA** Summer, 2017

*Summer Program, Statistics*

## PROFESSIONAL EXPERIENCE

**Roche, Shanghai, China** July-Dec, 2018

*Statistical Programming Analysis (SPA) Intern*

- Participated in development of AutoReport RShiny app to streamline regulatory reporting process and integrate all related data files and documents in a one-stop shop; this app, evaluated highly by department global leader, is currently online and actively used
- Completed design of GitHub web pages for team projects
- Assisted team for with user acceptance testing (UAT), including questionnaire creation, data collection and final review

**Shanghai Shucui Big Data Technology Co., Ltd., Shanghai, China** Apr-Nov, 2018

*Course Construction Team Member*

- Cooperated with team members to finish preliminary statistical analysis, time series analysis, course design, and courseware preparation for Principle and Application of Big Data Technology
- Used R to generate html & pdf courseware involving theoretical statistical knowledge and real case analysis

**Ping An Insurance Company of China, Shanghai Branch, Shanghai, China** July-Aug, 2017

*Data Analyst*

- Surveyed and assessed performances of group insurance projects and conducted data analysis for team-leader to readjust strategic guidelines for next quarter
- Gathered information about 1,500 banks throughout Shanghai and completed statistical report on distributions of different types of banks
- Utilized excel to organize, clean and review data

## RESEARCH EXPERIENCE

**Data Science Camp, China Academy of Sciences** Feb, 2018

*Research Leader*

- Conducted research on a New Method for Predicting the Correlation Between MicroRNA and Human Diseases

**Department of Statistics, East China Normal University** May, 2017-May, 2018

*Research Leader*

- Conducted research on Application of MS-EGARCH Model in the Fluctuation of Offshore RMB Currency Exchange Rate

## SKILLS

R, Python, MATLAB, SAS, MS Office (all advanced)