

# Jiaqi Li

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<https://liq312.github.io/>

## EDUCATION

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**Columbia University, Mailman School of Public Health**, New York, NY

May 2019

Master of Science, Biostatistics

- Relevant courses: Biostatistical Methods, Data Science, Statistical Learning & Data Mining

**University of Washington**, Seattle, WA

December 2013

Bachelor of Arts, Psychology; Bachelor of Arts, Economics

- Honors: Dean's List, Cum Laude

## RELEVANT PROJECTS

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**Biostatistical Methods:** (report is available [here](#))

- Identified variables associated with hospital length of stay (LoS) patterns to construct a predictive model using Multiple Linear Regression with R and SAS.
- Ran rigorous model diagnostics and model validation.

**Data Science: Flight delay patterns** (website is available [here](#))

- Explored factors associated with flight delay patterns from 2012 through 2016 using R.
- Manipulated 2.8GB of data, and analyzed 29,722,792 flights.
- Created a Github website to display project findings, including a report, video, and interactive data visuals made by Plotly and ggplot.

## EXPERIENCE

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**Mailman, Columbia, Career China**

New York, NY

**Executive Secretary**

January 2017-present

- Organized activities and invited professionals to conduct career-related speeches to 50 students.
- Actively communicated and collaborated with international organizations to negotiate funding through sponsorships.

**University of Washington, Behavioral Research & Therapy Clinics**

Washington, WA

*Brief Interventions for Suicidal Individuals*

March 2012-August 2013

**Research Assistant**

- Recruited subjects and regularly conducted interviews and follow-up calls for 2-year study period.
- Collected and analyzed data to create experimental data visualization reports using Excel.
- Attended and also led weekly seminars to discuss study-related academic research.

**Hefei Zhenghong Education Institution**

Hefei, China

**Global Department Manager**

January 2015-June 2017

- Presented international summer program details to over 300 potential customers.
- Collaborated with internal and external colleagues to organize logistics, including housing, risk paperwork, reservations, and rentals for over 50 students.
- Managed a budget of over \$50,000 and generated a profit of \$30,000 per year.
- Increased program participation by 30% by establishing new partnerships for the organization.

## SKILLS

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- Statistical languages: R, SAS, Python
- MS Office: Word, Excel, PowerPoint
- Bilingual, Chinese and English