

Jiaqi Li

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

EDUCATION

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

Biostatistical Methods: (report)

- 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 (https://tuyuqi.github.io/delay_flight_website/index.html)

- 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

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

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