**YIQI YAO, MS**

Durham, NC 27701

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**PROFILE**

Highly-motivated Master of Biostatistics candidate and Quantitative Economics Master’s graduate, devoted to health policy research. Committed to mathematical logic and economic theory to contribute to research in data analysis. Seeking an PhD positions in Biostatistics.

**EDUCATION**

**DUKE UNIVERSITY**, Durham, NC
***Master of Biostatistics****,*May 2020, Partial Tuition Scholarship

Relevant coursework includes: Introduction to Statistics Theory & Method I&II, Applied Biostatistics Method I&II, Introduction to Practice of Biostatistics I&II, Biostatistics Career Preparation & Development I&II, Real Analysis

**YESHIVA UNIVERSITY**, Katz School, New York City, NY

***Master of Science***, **Quantitative Economics**, July 2018, GPA: 3.97, Dean’s Scholarship

Relevant coursework included: Mathematical Methods, Probability and Statistics, Microeconomics I&II, Macroeconomics I&II, Econometrics, Market Design, Financial Economy

**UNIVERSITY OF LIVERPOOL**, Mathematics College, Liverpool, UK

***Bachelor of Science***, **Mathematics**, July 2017, GPA: 3.7/4.0, Honor’s Degree

Relevant coursework included: Population Dynamics, Linear Statistical Models, Chaos and Dynamical Systems, Medical Statistics, Mathematical Risk Theory, Operational Research: Probabilistic Models, Numerical Methods, Financial Mathematics II

**XI’AN JIAOTONG-LIVERPOOL UNIVERSITY**, Mathematics College, Suzhou, China

***Bachelor of Science***, **Applied Mathematics**, July 2017, GPA: 3.7/4.0, National Encouragement Award 2014, Academic Achievement Award 2014

Relevant coursework included: Introduction to Financial Accounting, Principles of Microeconomics, Introduction to Management, Principles of Macroeconomics, Introduction to the Methods of Applied Mathematics

**EXPERIENCE**

**Duke University**, **Durham**, NC 2019-

***Research Assistant***

* Collaborated with Professor Alex Ochoa to research statistical population genetics, psychiatric response
modeling, protein sequence models, malaria.

**YESHIVA UNIVERSITY**,New York City, NY 2017-2018

***Research Assistant***

* Collaborated with Professor Tadashi Hashimoto to research the bitcoin market and attempted to find the best strategy for bitcoin miners in Tullock Competition
* Wrote peer review with Professor Tadashi Hashimoto on an unpublished auction paper

***Teaching Assistant***

* Tutored students in Game Theory including Decision Tree, Nash Equilibrium
* Provided tutorial for undergraduates for their assignments in Game Theory & Behavior Economy

**GALAXY ASSET MANAGEMENT CO., LTD**, Shanghai, China 2016

***Analyst Assistant***

* Gathered data on the daily fluctuations of stock prices and wrote a summary for the trader in equity research department
* Assisted in analyzing price fluctuations and dealt with data for pair trade
* Helped to research the fluctuation of stock prices in the beverage industry
* Analyzed key financial ratios of Maotai Corporation, a top Chinese alcohol company, to predict its EPS (earning per share)

**TECHNICAL SKILLS**

R, Python, LaTex

Microsoft Office (Excel, Word, Power Point)