

Wanxin Qi

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EDUCATION

Columbia University Mailman School of Public Health

Master of Science in Biostatistics – Theory and Methods

September 2021 – May 2023 (Expected)

New York, NY

Boston University

Bachelor of Arts in Mathematics – Statistics

September 2019 – May 2021

Boston, MA

- GPA: 3.98/4.0 | Summa Cum Laude | Academic Dean's List for all semester
- Relevant Coursework: Probability, Mathematical Statistics, Linear Models, Intro to Stochastic, etc.
- In-class Group Project: Data Analysis Projects of Linear Models
 - Decided project topic and data *Forest Fires*, searched the background information, and wrote up the proposal report
 - Chose variables, set up simple and multivariable linear models using R, and wrote up the analysis report
 - Performed the complete linear regression modeling, prediction, and validation using R, wrote up the scientific research paper, and presented to the class

Augsburg University

Double Major: Mathematics and Finance

September 2017 – May 2019

Minneapolis, MN

- GPA: 3.97/4.0 | Academic Dean's List for all semesters
- Relevant Coursework: Calculus I, Calculus II, Multivariate Calculus, Linear Algebra, Discrete Mathematics, etc.

ACADEMIC ACHIEVEMENTS

Enterprise Survey for Innovation and Entrepreneurship in China, Peking University

Group Member

July 2018

Beijing, China

- Interviewed micro-enterprises owners in person of their scale and entrepreneurial process
- Collected data about the enterprises, such as start-up capital and annual revenues, in the form of questionnaire
- Sorted out the data using excel and reported to the center of the organization to facilitate data analysis

Mathematical Association of America's North Central Section's Team Competition

Group Leader

November 2017

Minneapolis, MN

- Won the 1st prize in the university and the 7th prize in all participated groups from the Midwestern colleges
- Led the group to think and discuss about the thoughts to solve difficult problems such as the application of Taylor Series

INTERNSHIP EXPERIENCES

Department of Mathematics and Statistics, Boston University

Math Grader

January 2020 – May 2021

Boston, MA

- Graded the homework and exams of Elementary Statistics and Probability, answered questions from students
- Proficient with course material, mastered the core knowledge, and discussed grading criteria with course professors

Department of Research Informatics, MSD R&D (China) Co., Ltd.

Summer Intern

May 2019 – August 2019

Beijing, China

- Learned the project topic: Analysis of Gene Differential Expression by Colon Cancer Data; Tested whether or not some of the gene expression patterns were associated with fusobacteria
- Divided the sample into fusobacteria positive and fusobacteria negative; Filtered the sample genes with significantly different expression levels between the two groups using t-test and multiple-testing correction
- Learned to use R to finish the assigned tasks, such as t-test and data standardization, to facilitate subsequent data analysis
- Participated and summarized the interview work of the project team, enhanced the efficiency of the interview

Department of Marketing, Harvest Fund Management Co., Ltd.

Summer Intern

May 2018 – June 2018

Beijing, China

- Made the Daily Stocks Trading Broadcast Chart using Excel and posted on the official website for people to check
- Collected and edited the stock comments from books and websites as a reading literature for the company to consult
- Assisted the manager to revise the slides of work report, improved and beautified the presenting of valid information

TECHNICAL AND LANGUAGE SKILLS

- Programming Language Skills: R, Python, SAS, Microsoft Office, HTML, CSS, JavaScript
- Language: Mandarin Chinese (Native), English (Undergraduate and Graduate Instruction Language)
- General Skills: Writing skills, presentation, multitasking, leadership, teaching skills, etc.