

YIWEN WANG

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EDUCATION

Weill Cornell Medicine College, New York, NY

August 2020

Master of Science in Biostatistics and Data Science

GPA: 4.0/4.0

Relevant Coursework: *Biostatistics I with R & Lab, Data Science, Study Design, Big Data in Medicine*

University of Maryland, College Park, MD

December 2018

Bachelor of Science in Food Science, Minor in Statistics

GPA: 3.8/4.0

Relevant Coursework: *Introduction to Probability Theory, Applied Probability and Statistics I+ II, Introduction to Statistical Computing with SAS*

SKILLS AND CERTIFICATIONS

Computer Software: R, Python, SAS, SQL, MATLAB, Microsoft Office

Certification: Data Visualization with Python, Intermediate Python for Data Science

Languages: Fluent in Chinese and English. Beginner in Spanish

RELATED EXPERIENCE

Weill Cornell Medicine College

New York, NY

- ❖ Conduct a shinyapp project in R for Happy Valley Meat Company to efficiently evaluate the environmental impact caused by consuming beef products
- ❖ Design a randomized clinical trial to study the effect of Vitamin C on vitiligo

United States Department of Agriculture Food Quality Laboratory

Beltsville, MD

Undergraduate Research Assistant

March 2018- July 2019

- ❖ Conduct researches on various types and contents of different phenolics in strawberries using LC-MS
- ❖ Collect, organize and analyze the correlation between experimental data by creating scatter plots
- ❖ Test metabolomics changes in fruits and vegetables during post-harvest handling, and utilizing cloning methods to find genetic differences

National Natural Science Foundation of China

Dalian, China

Researcher

June- July 2018

- ❖ Studied the degree centrality, between centrality, closeness centrality, and other small-world characteristics of the Propagation Mechanism and Intervention Strategies of Internet Public Sentiments in Sudden Public Events on Social Media
- ❖ Responsible for collecting, processing, and analyzing social media data from Weibo

National Taiwan University-Prof. Min-Hsiung Pan's Lab

Taipei, Taiwan

Research Assistant

June- July 2017

- ❖ Studied the effects of drug penicillin on the name of macrophage's proteins after injecting drugs
- ❖ Explored the correlation between the dose of drugs and the expression of intracellular protein using Excel
- ❖ Planned and implemented the Western-Blot and MTT assay

Northwest A&F University-Prof. Xiaodong Xia's Lab

Shaanxi, China

Research Assistant

June -July 2016

- ❖ Received hands-on training on gavaging of mice and performed systematic training on RT-PCR, cell culture, and Western-Blot

LEADERSHIP EXPERIENCE

Northwest A&F University, College of Food Science and Engineering

Shaanxi, China

Deputy Director of Sports Department of the Student Union

August 2015-July 2016

AWARDS AND HONORS

HPR Merit Scholarship (\$10,000)

2019-2020

Semester Academic Honor (Dean's list)

2017-2018

The Third Prize Academic Scholarship

2015-2016