

Haoxi Ma

Greater New York Metropolitan Area | (860) 634-0757
haoxi.ma@uconn.edu | [linkedin.com/in/haoxi-ma-60850a1a1](https://www.linkedin.com/in/haoxi-ma-60850a1a1)

EDUCATION

The University of Connecticut

Master of Science, Statistics

GPA: 4.00/4.00

Storrs, CT

Sep 2019 - May 2021

Tianjin University

Bachelor of Science, Applied Mathematics

GPA: 3.37/4.00

Honors and Awards: Outstanding Graduate

Tianjin, China

Sep 2015 - May 2019

SKILLS

Microsoft Office: Microsoft Word, Excel, PowerPoint, Microsoft Teams

Programming: R Studio; SAS; Python; SQL; Tableau

Professional field: Statistical Analysis, Data Visualization, Machine Learning

Certifications: SAS Base, SAS Advanced

WORK EXPERIENCE

FLAGDream

Intern, Product Specialist

Santa Clara, CA

Mar 2021- May 2021

- Support website's daily operation: tracking key marketing measures, editing video clip, and giving pre-course lectures for SQL courses.
- Conducted a research to gather the data for the linear model to help identify product advertisement strategies.

Department of Otolaryngology Boston Medical Center

Data Analyst (Volunteer)

Boston, MA

Feb 2021- Present

- Perform data cleaning and manipulation with large datasets for research.
- Design statistical analysis to identify the key factors related to patients' no-shows for a pediatric otolaryngology appointment.

China Orient Asset Management Co., Ltd

Intern, Research Assistant

Beijing, China

January 2018 - February 2018

- Smoothed the workflow for complex financial analysis with advanced Excel features: Pivot table and VBA.
- Gave advice about the most investable city by data visualization with Tableau.
- Fitted linear regression to forecast insurance charges, helping decide personal premium.

Tianjin Antai Minsheng Culture Development Co., Ltd

Intern, Director Assistant

Tianjin, China

July 2017 - August 2017

- Collaborated across departments for developing the compensation strategy.
- Designed and implemented the human resource information system with MySQL database.
- Retrieved staff's information from internet then inserted into corresponding table using Python.

PROJECTS

University of Connecticut, Storrs, CT

Analysis of factors related to insurance premiums

March - May 2020

- Diagnosed and remedied assumption validation with the MLR model in R.
- Compared performance of predictive models: MLR, Random Forest and Neural Networks.

Township comprehensive development in CT

April - May 2020

- Retrieved useful data from internet, categorized counties by K-means clustering method in R.
- Developed spatial analysis and visualizations for classified counties.

2020 UConn Statistics Virtual Biopharmaceutical Summer Academy

Phase II analysis

August 2020

- Dealt with missing value with LOCF and do data visualization.
- Performed ANCOVA analysis for the primary endpoint and the logistic regression for the secondary endpoints.

Kaggle: Your Home for Data Science

Digit Recognizer

December 2019 - January 2020

- Preprocessed the data mining mechanisms: Grayscale, binarization, PCA and so on.
- Developed classification model with the SVM and implemented in R.

RMDS

2020 City of LA and RMDS COVID-19 Computational Challenge

June 2020

- Analyzed factors related to risk of exposure to COVID-19 by Poisson GLM.
- Predicted risk in neighborhoods using SARIMA model.
- Developed spatial analysis with GIS to provide business reopening suggestions in LA.

LEADERSHIP & ACTIVITIES

- Member of Cross-Cultural Connections Organization in The University of Connecticut
- The Minister of Literary Arts Department of Student Union in Tianjin University
- School Excellent Student Delegate in Tianjin University