Yiying Wu

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EDUCATION

Columbia University Mailman School of Public Health New York, New York, United States

Master of Public Health in Biostatistics 09/2022 - 06/2024 (Expected)

- Relevant Coursework: Research Methods & Application, Foundations of Public Health

Shanghai University of Finance and Economics (SUFE) Shanghai, China

Bachelor of Science in Statistics 09/2018 - 07/2022

- Relevant Coursework: Survival Analysis(R), Machine Learning, Database(SQL), Regression(R, SAS)
- Honor: First Prize for The 5th Mathematical Modeling Competition of SUFE *(Top 1%, 04/2019)*
- Certification: SUFE-Cambridge Leadership Online Programme *(07/2020)*

INTERNSHIPS

AI Analyst *Microsoft China, Microsoft AI and IoT Insider Lab* Shanghai, China, 06/2021 - 08/2021

- Tested the Microsoft Azure cloud products "deep-voice-conversion-master" by converting audio text data into target text with Convolutional Neural Network
- Wrote code in Python to convert the target text into the specified format in batch

Investment Analyst *Hwabao Securities* Shanghai, China, 06/2020 - 08/2020

- Examined historical and current market supply and demand of the pharmaceutical industry
- Conducted statistical description & regression analysis to predict the risk of overseas investment and surplus capacity

RESEARCH

Undergraduate Researcher Shanghai, China, 06/2021 - 08/2021

Project: Prospects and Challenges of "Internet+" for Community Healthcare in Shanghai

- Developed a questionnaire based on the Technology Acceptance Model (TAM) to investigate the acceptance of "Internet+" community healthcare by Shanghai residents
- Constructed a Structural Equation Model (SEM) of Shanghai residents' satisfaction with "Internet Community Clinic Services" using the TAM
- Analyzed the model using Partial Least Squares (PLS) written in R

Team Leader Shanghai, China, 01/2021 – 03/2021

Project: Machine Learning or Regression? A Study of Customer Satisfaction with Airline Services

- Constructed the Logistic/Probit regression model, decision tree model, random forest model, Catboost model, and XGboost model to evaluate the factors affecting customer satisfaction with Airline services
- Compared the competitive advantages of Machine Learning models relative to traditional models
- Figured out the main factors that affect patients' satisfaction

ACTIVITIES & SKILLS

Activities: Zhongshan Hospital(Volunteer); Fudan University Shanghai Cancer Center(Volunteer)
Skills: R, SQL, Python, SAS, LaTeX, and MS Office