

Man Shi

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EDUCATION

- Master of Science in Business Analytics (STEM)** August 2021
Boston University Questrom School of Business; Boston, MA
- Master of Art in Statistics (STEM)** May 2020
State University of New York at Binghamton; Binghamton, NY
- Bachelor of Engineering in Mechanical Engineering** June 2018
Beijing University of Civil Engineering and Architecture; Beijing, China

RELEVANT WORK EXPERIENCE

- Data Analyst Intern** May 2019 - August 2019
AFCA Ronghui Data Technology Co Ltd., Beijing, China
- Collected information from 200 business banks' annual reports and assessed profitability, earnings outlook and other data points, and wrote professional reports for the manager.
 - Documented conference minutes and assisted manager to do more than 50% market research based on product details through information searching and scientific calculation

RELATED PROJECTS

- Analysis of the Molecular Subtypes in Breast Cancer Tumors** January 2020 - April 2020
Classify and Predict the Molecular Subtypes, Binghamton, NY
- Utilized R to execute 10 machine learning models to analyze Molecular Subtypes in breast cancer tumors
 - Conducted data preprocessing using Lasso Variable Selection method and removed variables with a coefficient equal to 0
 - Predicted molecular subtypes with highest accuracy of 92% by using different machine learning such as Multinomial Method, Neural Network, K-Nearest-Neighbors, Support Vector Machines and Naive Bayes
- The Effects of Terrain Complexity on the Behavior of Adult Tick** November 2019 - March 2020
Analyze the Ticks' Host-Seeking Strategies, Binghamton, NY
- Designed experiment and observed and reported movement of 45 ticks
 - Conducted General Linear Models with R to analyze behavior of ticks based on 3 different terrain levels
 - Acted as co-author of manuscript for Tick project and submitted it to Medical and Veterinary Entomology

RELEVANT SKILLS

Technical Skills: R, Python, Matlab, C++, Microsoft Word, Microsoft Excel, Microsoft PowerPoint

Relevant Coursework: Machine Learning, Data Mining, Data Analysis, Regression, Experimental Design, Nonparametric Inference, Statistical Bioinformatic, Linear Algebra, Probability

ADDITIONAL INFORMATION

Languages: Professional proficiency in English and Chinese

Interests: Scuba Diving, Fitness, Charity organization for the Rescue of Stray dogs