Tianyuan Gu

Data Analytics Intern - Sin Shin Advisory Pte Ltd
Singapore
- Email me on Indeed: http://www.indeed.com/r/Tianyuan-Gu/376fc57e1e91627a

Work Experience

Data Analytics Intern
Sin Shin Advisory Pte Ltd - Singapore
August 2019 to Present

Utilized Python to analyze the relationship between consumer behaviors and sales of an e-commerce site, drew real-world
dataset to derive business insights and recommended marketing strategy to boost sales by 10%.
• Visualized library curfew dataset by Python and removed duplicate/irrelevant data to improve accuracy by 8%.
• Analyzed data about influencing factors of House Pricing by setting index bound for several variables (pupil-teacher ratio,
rooms per dwelling, crime rate etc.) to obtain new indicators for clearer relationship between variables.

Research Assistant in Department of Statistics
Zhejiang Gongshang University
July 2018 to August 2018

Utilized R Studio to analyze the relationship between sleep quality, physique and study situation of middle school students in
Yuhang area, contributing to a multivariable linear regression model to recommend school arrange 3 physical education class and 25 minutes activities to balance the academic and health.
• Participated in Graduate Student Organization in Statistics to improve the model by using Exploratory Factor Analysis and visualized the factors by scree plot to remove 4 irrelevant factors to derive more precise results for further analysis.
• Prepared final report about sub-health due to lacking of exercise to suggest 8-9 sleeping hour for students in the middle schools in Zhejiang Province.

Data Collector and Analyst Summer Intern
Zhejiang Marine Technology Center
May 2018 to July 2018

• Collected data about economics and industry of marine from different coastal areas for general survey, filtered relevant data to improve accuracy by 5% for the National Marine Economics Census.
• Controlled validity of data and updated identification of various factors to assist further gathering and categorizing,
contributing effective data and improving efficiency by 8% to reflect real situation for economic analysis.
• Prepared information booklet and assisted to organize professor meeting of more than 200 people to evaluate the census
process and prepared reports and analysis.

Education

Master of Science in Statistics
National University of Singapore - Singapore
August 2019 to June 2020

Bachelor of Science in Statistics and Mathematics
University of Toronto
September 2015 to June 2019

Skills

ADOBE PHOTOSHOP (Less than 1 year), PHOTOSHOP (Less than 1 year), SQL (Less than 1 year)

Additional Information

LANGUAGES/SKILLS/OTHERS
IT skills: R, Latex, SQL, Python and Adobe Photoshop.