

# MINHUI MA

Data Analytics student seeking Summer 2021 internship



## EDUCATION

- 2020–  
Current
- **Tufts University**  
MS Candidate in Data Analysis 📍 Medford, MA
  - **Sun Yat-sen University**  
B.S. in Mathematics and Applied Mathematics 📍 Guangzhou, China
  - **University of California, Berkeley**  
Exchange Student 📍 Berkeley, CA



## INTERNSHIP EXPERIENCE

- May,  
2020 –  
Dec,  
2020
- **Data Analyst**  
eBay 📍 Shenzhen, China
    - Performed analysis tasks using Spark SQL, R, and Python, and conducted research for eBay policy enforcement
    - Created dashboards with Rshiny, Rmarkdown, and Tableau to present daily business trend and assist the team on make future decisions and strategies
- Apr, 2020  
– Apr,  
2020
- **Project Management**  
Ipsos 📍 Guangzhou, China
    - Conducted desk research about electric toothbrush and other consumer goods
    - Managed a product testing project and had interviews with product consumers
- Sep,  
2018 –  
Jan,  
2019
- **Data Operation**  
Mars Wrigley Confectionery 📍 Guangzhou, China
    - Built databases with Access and processed 6 weekly consumption reports about three channels of China Resources Vanguard with over 1500 stores
    - Independently responsible for updating channel stores and product information
    - Proposed suggestions about database optimization and data visualization.
- Jul, 2018  
– Aug,  
2018
- **Market Analyst**  
China Life Insurance 📍 Guangzhou, China
    - Project involved: Guangdong, Hong Kong and Macau, the “Greater Bay Area” Development Report
    - Collected and processed raw data along with analysis and synthesis of information using Excel

## CONTACT INFO

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## SKILLS

Experienced in **data visulizaation** using **Rshiny**, **Rmarkdown**, **Tableau**, **Power BI**

Performing **data analysis**, with a focus on engineering models

Experienced in **data communication** and client relations

Wrote production-level **R/Python/SQL/Matlab/C/C++/SQL**

**Machine Learning** on cloud platforms (AWS)

*Last updated on 2020-12-05.*



## PROJECT EXPERIENCE

Nov,  
2020 –  
Dec,  
2020



### **Airbnb Review Scores Rating Exploratory and Prediction**

Tufts University

📍 Medford, MA

- Deployed exploratory data analysis based on Airbnb listing dataset, mainly focusing on review scores rating
- Iterated the model to select the best approach, given OLS regression, random forest and LASSO regression.

2015 –  
2018



### **NL-Means and BM3D Based Image Denoising and Low-Illumination Image Processing**

Sun Yat-sen University

📍 Guangzhou, China

- Studied image restoration algorithms to solve the problem of image damaged by noises and the unclear of low illumination images
- Applied image denoising algorithms, including Non-local Means denoising algorithm and Block-matching and 3D filtering algorithm, and combined image enhancement algorithms to obtain high quality restored images.



## SELECTED PRESENTATIONS

March  
2020



### **Airbnb Review Scores Rating Exploratory and Prediction**

Presented a model for Airbnb review scores rating detection, and summarized main results and assumptions of the model to my cohort.

📍 Medford, MA