

Meiyu (Emily) Li

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Working as a **Data Analyst** in 3 jobs and 5 research projects, I am highly experienced in cooperation as well as leadership, having helped groups **develop statistical analysis** and gain more insights. I am a **team-player, risk taker, and positive-minded individual** who looks forward to bringing change in my community. I am seeking a data analyst role in technology field, which will enable me to contribute my skills and enrich my knowledge.

EDUCATION

New York University, Center for Data Science, NY
Master of Science in Data Science

09/2022-05/2024

- Courses to be taken: Intro to Data Science, Probability and Statistics for Data Science, Linear Algebra and Optimization, Machine Learning (expected), Big Data (expected), Database Management (expected), Natural Language Processing (expected)

University of California Santa Barbara, Department of Applied Statistics | Department of Mathematics, CA
Bachelor of Science in Statistics and Data Science | Bachelor of Science in Mathematics GPA: 3.92/4.0
Honors: Dean's Honors for Each Quarter in College of Letters and Science

09/2018-09/2021

- Courses: Machine Learning, Big Data with PySpark, Data Visualization, SAS, C++, Regression Analysis, Survival Analysis, Logic, Stochastic Process, Probability, Calculus, Linear Algebra, Real Analysis, Topology, Abstract Algebra, Design of Experiments

SKILLS & COMPETITION

- **Skills:**
 - **Proficient: R, Python, SAS, Excel, Word**
 - Intermediate: Java, C++, Octave
 - General: Html, JavaScript, SQL
- **Competition:** Gold Medal in UK Mathematics Competition of 2017, Global Top 5% in Waterloo Math Contest of 2018

PROFESSIONAL EXPERIENCE

YiduCloud (Beijing) Technology Co. Ltd.

01/2022-07/2022

- Worked as a **full-time medical data analyst** with **R** and **Excel** for clients in pharmaceutical companies, hospitals, medical labs
- **Made survival analysis (eg. KM Model, Cox PH Model), descriptive statistical analysis, data cleaning, preprocessing and wrote statistical analysis plans in 5+ projects**

Tencent (Shenzhen) Computer System Co. Ltd.

09/2020-11/2020

- Worked as an intern of Platform and Content Group for the operation of Xiaoe Pinpin, an online shopping platform
- Recorded the data such as the daily/monthly sales, recommended products' information, and **made market analysis reports with Excel and Python** every week

Statistics and Applied Probability Department of UC Santa Barbara

09/2020-09/2021

- Worked as a **teaching assistant** of the undergraduate course, **Understanding Data**
- Assisted the professor in grading homework, **taught elementary statistics involving Python programming and basic statistics theories**

PROJECT EXPERIENCE

Independent Research on Predicting Beijing's House Price with R

01/2021-06/2021

Advisor: Professor Tomoyuki Ichiba

- Analyzed and predicted the housing price in Beijing by **Linear, Ridge, Lasso Regressions, Classification, Time Series** and gleaned more data information by **Web Crawler**

Research on Users of Spotify with PySpark

01/2021-03/2021

Advisor: Professor Adam Tashman

- **Predicted the popularity of Spotify songs and classified song titles** in a group with 2 classmates and made report and presentation
- Made **analysis with feature transforms by comparing with Regressions, Decision Tree, Random Forest, GradientBoosting, Naïve Bayes**

2016 US Presidential Election Analysis with R

09/2020-12/2020

Advisor: Professor Zhijian Li

- Explored the demographics' role and voter behaviors' impact on presidential election with 3 classmates
- Made analysis through **Principal Component Analysis, Boosting, Random Forest, Logistic Regression and Support Vector Machine**, etc.

Data Analysis on Portugal Hotel Booking Demand and Revenue with Python.

03/2020-06/2020

Advisor: Professor Alexander Franks

- Described the Portugal hotel's revenue factors, including price, cancellation rate, booking time, customer behaviors with 1 classmate
- Made **exploratory data analysis, Principal Component Analysis, and developed multilinear regression model**