

YULING CHEN

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EDUCATION

Southwest Jiaotong University
School of Mathematics

September 2021 - Present

- **Major:** Statistics
- **Average Score:** 88.27/100
- **Core Modules:** Actuarial Mathematics, Time Series Analysis, Econometrics, Stochastic Process, Multivariable Statistics, Applied Regression Analysis, Nonparametric Statistics, Probability Theory and Mathematical Statistics, Database Principle and Design

City University of Hong Kong(Exchange)
College of Business

September 2024 - Present

- **Major:** Management Science
- **Core Modules:** App'ns of Game Theory to Busn, Data-driven Business Modeling, Enterprise Data Mining

DATA ANALYTICS SKILLS

Programming Languages	Python, R, SQL, C/C++, MATLAB
Software & Tools	LaTeX, Excel, Word, SPSS, Eviews

EXPERIENCE

Sentiment Analysis of Online Public Opinion on Tourism in Xishuangbanna January 2024
Leader

- Experience in web content analysis and data extraction using JSON for crawling and initial data cleaning. Proficient in Chinese text processing with jieba for segmentation and SnowNLP for sentiment analysis.

Database Development and Application
Leader

May 2023 - June 2023

- Created a user and case management system for "Detective Conan" fans, with role-based access control and data visualization features. Implemented data handling with SQL, developed the application using WinForms, and utilized Pandas and Scipy for data analysis, with visualizations done in Matplotlib.

Boston House Price Forecast
Leader

July 2022

- Process more than 10,000 pieces of data and perform multivariate data analysis operations such as data cleaning, regression prediction, and visualization analysis.

EXTRACURRICULAR ACTIVITIES

2022 "Role Model 100" National Excellent College Student Association
National Best Team Award

12/2022

2023 MathorCup Collegiate Mathematical Modelling Challenge - Big Data Competition

National Third Prize - Graduate Student Group

11/2023

Mitacs - 2024 Globalink Research Internship award

02/2024

The 14th Annual MathorCup Math Application Challenge 2024

National First Prize - Undergraduate Group

04/2024