ZIYANG ZHAN

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Github | Linkedin

EDUCATION

University of Illinois at Urbana-Champaign	Champaign, IL
Master of Computer Science	expected December 2022

University of South Carolina	Columbia, SC
Master of Hospitality and Tourism Management	January 2019 -- December 2020

Jiangxi Normal University	Jiangxi, China
Bachelor of Software Engineering	September 2011 -- May 2015

HONORS

ESD Honor (Hospitality and Tourism Students for Outstanding Academic Achievement)	September 2020
Outstanding Graduates Awards, JNU	May 2015

RELATED EXPERIENCE

University of Illinois at Urbana-Champaign	Champaign, IL
Semantic Chatbot (link)	October 2021 – December 2021

- Collected Twitter dataset from Kaggle.
- Trained semantic analysis models, including Logistic Regression, GaussianNB, Decision Tree Classifier, and Random Forest Classifier. And picked the Logistic Regression because of its the highest accuracy.
- Integrated functions: misspelling correction, translation, GUI interface, and question-response.
- Achieving analyzing users' emotion (natural, positive, and negative), and giving corresponding responses based on the semantic analysis.

Data Visualizing Project—Is World Really Getting Better?	June 2021 – August 2021

- Achieving JavaScript (link) and Tableau (link) to visualize various data sets (age, life expectancy, human development index, crime rate, and inflation rate) of 180 countries in the past 30 years respectively.

ADDITIONAL EXPERIENCE

Hong Kong Polytechnic University	Hong Kong
Research Assistant (Data Analyst)	present

- Providing technical supports on the research team (led by Prof. Cathy Hsu), including scarpering data from twitter, Instagram, Facebook and Ctrip; Training models for future semantic analysis.

University of South Carolina	Columbia, SC
Academic Tutor	September 2019 – December 2020

- Assisted 50 international students in Quantitative Methods course with utilizing statistical methods, Excel, SPSS, R statistical software, with 85% of international students receiving an A in Quantitative Methods course
- Help international students adapt to the academic course and improve class performances, so the international students are more likely to share opinions in class and more confident to complete the master's degree

SKILLS

Proficient English, Native Mandarin,
C++, Python, JavaScript
Tableau, SPSS, Mplus