

Xuanran Ji

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EDUCATION

Master of science in Applied Data Science

December 2020

GPA: 3.87

Syracuse University, School of Information Studies, Syracuse, NY

Bachelor of Science in Mathematics

May 2017

Minor in Statistics

GPA: 3.27

Kansas State University, Manhattan, Kansas

EXPERIENCE

Exhibitor assistant, Jinan Hanpu Machinery Co., Ltd, St Louis, MO.

Spring 2019

- Set up exhibition stand and help manage the communication between General Manager and NASCC
- Explain and demonstrate the functionality of various products to audience and partner companies
- Answer inquiry from other companies and translated for General manager for business quotes
- Report design and maintain issue with our equipment from US supplier to the general manager
- Document daily report and set up future event with NASCC

Deputy Director, Propaganda Department In CSSA, Manhattan, KS

Summer 2016

- Coordinated and organized several student activities and meetings
- Designed business cards for all positions in CSSA using Adobe Illustrator
- Designed poster for Chinese New Year At Kansas State University using Adobe Photoshop
- Working with vice president to manage and hire new student who are interested to join CSSA

Building Maintenance Staff, Student Union, Kansas State University

Dec 2015 to Dec 2016

- Collaborated in a team of six, cleaned and maintained the student union
- Worked with manage team to set up activity such as Career Fair, open class, speech
- Worked with undergraduate student to set up new student orientation and guide new student
- Provided new staff with instruction and guideline on job description

ACADEMIC PROJECTS

Text mining on Amazon phone review dataset

Summer 2020

- Apply text vectorization to convert text data into numerical representations
- Improve the representation by remove stop-word and lemmatize words using different classification methods
- Apply Naïve Bayes and support vector model on the training data set and compare the accuracy with test data set
- Error analysis on both models to see further improvement on both model accuracy
- Conclude both advantage and disadvantage in terms of predicting negative product reviews

Driving School database management system

Fall 2019

- Designed a database for a driving school to store and retrieve information efficiently
- Used Microsoft Visio to implement business rules when designing the Entity-relationship model
- Used Microsoft Access to create the table and input data into each table
- Used Microsoft SQL Server to insert, delete, update data
- Implement SQL trigger feature to update the database when user insert the new data

TECHNICAL SKILLS

Program language: R, SAS, Python

Database Management: SQL

Software Tools: Microsoft Excel, Access, Visio, Adobe Illustrator, Tableau, Power BI

Languages: Mandarin, English

LEADERSHIP

Volunteer, International Student and Scholar Services, Manhattan, KS

Aug 2016

- Provide guideline to new international students for the new student orientation
- Manage documents for new students and assigned seats
- Set up computer equipment for new student welcome ambassador to start the event