Minyang Wang

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EDUCATION BACKGROUND

Syracuse University   Syracuse, NY

M.S of applied data science of School of Information Studies   *09/2018-12/2019*
- Courses: Text Mining, Data Mining, Big Data Analysis, Database Management, Information Visualization
- GPA: 4.0

M.A of public administration of Maxwell School of Citizenship and Public Affairs   *06/2017-07/2018*
- Courses: Statistics, Global Economic Governance, Public Finance, Quantitative Analysis
- GPA: 3.7

Renmin University of China   Beijing, China

B.A of National Economy Management   *09/2013-06/2017*
- Awards: Outstanding Student Leader (2/58, 2015), First Prize of Outstanding Social Volunteer Service Scholarship (1/58, 2015)
- GPA:3.1

PROFESSIONAL EXPERIENCE

Inspur Group   Jinan, China

Algorithm Engineer Intern   *06/2019-08/2019*
- Designed and programmed a data analysis and data visualization GUI platform, specifically implemented and encapsulated the machine learning algorithms with Python.
- Compared and evaluated the performance of different algorithms to provide algorithm recommendations for users when using this GUI platform given different datasets and situation.
- Labeled the images of train tickets using the labelImg for train ticket imagine recognition algorithm research.

Tian Hong Asset Management Co., LTD   Beijing, China

Human Resource Intern   *06/2016-10/2016*
- Assisted in developing the new human resource management system, collected materials for building the e-HR system.
- Updated, and maintained the human resource database.
- Wrote quarterly and annual human resource report and published the report on company's website.

ACADEMIC EXPERIENCE

Course Project:
- Predicted whether an online costumer would purchase any items during a visit to the Google online store using random forest and gradient boosting algorithms. Under the circumstances that the data was extremely biased (99% of the customers don't spent money during a visit), the prediction accuracy was relatively high (F1 score = 50%).
- Designed a course information sharing system for students and professors in Syracuse University to check the curriculum registration information (e.g.: the most popular courses within a given program) by using SQL server to build the database and using MS Access to design the interface.
- Analyzed the online review texts of different Japanese whisky bottles by using topic modeling (LDA) and classification models (SVMs and MNB algorithm) to summarize the feature of different bottles.
- Built linear and logistic regression model and utilized association rules and classification models to analyze the customer data of Hyatt hotel, provided suggestions to increase the NPS (net promoter score) of the hotel based on the data analysis.

Academic Club Project:
- Led the Data City Plan project team which helps the Syracuse government to reduce the vacancy rate by using data mining methods. Mainly focused on analyzing the relationship between the traffic and vacancy rate in Syracuse.

SKILLS AND INTERESTS

Language: Native in Chinese, fluent in English, and intermedia level for French.
Computer: R, Python, SQL, SPSS, Stata, MS Office
Interests: Photography, soccer, skiing, archery, poker