

YUN (JESSICA) YAN

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EDUCATION

UNIVERSITY OF NOTRE DAME

Master of Science in Business Analytics (STEM designated)
GPA: 3.917/4.0; Merit-based \$25,000 Fellowship Recipient (TOP 1%)

Notre Dame, IN
Expected: May 2020

XI'AN JIAOTONG UNIVERSITY

Bachelor of Economics in Finance; Siyuan Scholarship Recipient (TOP 30%)

Xi'an, China
Jul 2019

COPENHAGEN BUSINESS SCHOOL

International Summer University Program

Copenhagen, Denmark
Jun – Aug 2017

PROFESSIONAL EXPERIENCE

DIDI CHUXING (TOP 2 UNICORN COMPANY IN CHINA)

Data Scientist Intern, International Business Technology Department (Python, R, HiveQL, Tableau)

Beijing, China
Feb – Jul 2019

- Designed and drove A/B tests, interpreted experimental results and made strategic recommendations based on findings;
- Extracted data using HiveQL and analyzed driver behavior patterns by metrics; explored and identified reasons behind drivers' long-term idle period; assisted in implementing customized operation strategies towards different driver segments;
- Clustered riders' cancellation behaviors into different scenarios and developed Tableau dashboards to monitor cancellation rates;
- Automated experimental analyses broken down by hours, order requests and supply-demand ratio; output adopted by the team.

ACCENTURE

Business Intelligence Intern, QHgas ERP Project Team (SAP Hana Studio, SAP Lumira Designer, Python)

Xi'an, China
May – Dec 2018

- Identified key metrics and visualized the data and designed web interactions with JavaScript, CSS and various components in SAP Lumira Designer; dashboards highly promoted and used by client's management board for monthly meeting and monitoring;
- Built a predictive model and handled seasonality using Python to give a reference purchase amount for the client each month; saved 20% purchase expenses and storage costs for client's logistics department in the next 3 months.

CENTER FOR EXPERIMENTAL ECONOMICS IN EDUCATION

Research Assistant, Rural Countryside Health Research Group (R, Stata)

Xi'an, China
Apr – Sep 2018

- Cleansed 38K rows of raw data collected from the questionnaire about Chinese village clinics with R and Stata;
- Conducted crosstab analysis and regression modeling on how Chinese medicine education background affects prescription behaviors of doctors; the analysis result adopted to lead the future data analysis and suggestions.

ERNST & YOUNG

Audit Intern, Retail & Consumer Products Team (RCPT) (Excel, Tableau)

Shanghai, China
Jan – Feb 2018

- Utilized Excel to process general ledger data with Excel to complete the cash and cash equivalent workpaper independently;
- Designed key financial indicators and developed Tableau dashboards for team's report presentation and client's daily usage.

DATA SCIENCE PROJECTS

SPOTIFY LIKE SONG ANALYSIS (R, R Shiny)

- Retrieved audio features of 55,557 songs via Spotify Web API; built a song popularity predictor by lasso and linear mixed model.
- Applied Logistic Regression to predict whether a song will be liked based on its musical attributes; deployed it in a R Shiny App.

H1B ANALYSIS (R)

- Scraped 2 million data from H1B database and visualized descriptive analysis of U.S. analytics-related job markets with ggplot2.

LEADERSHIP & SERVICES

MENDOZA COLLEGE OF BUSINESS, UNIVERSITY OF NOTRE DAME

Student Ambassador

Notre Dame, IN
Sep 2019 – Present

- Delivered informational campus tours to prospective graduate business students and addressed questions and concerns;
- Collaborated with the admission team and 10+ fellow student ambassadors to organize events such as webinar student panels.

TOOLS & SKILLS

Tools: Python, R, SQL, Hive, R Shiny, Tableau, VBA, SPSS, Stata, SAS, Google Analytics

Skills: Exploratory and Predictive Analytics (Logistic Regression, Random Forest, Boosting Tree), Clustering, Association Rule, Statistical Inference (Bayesian Data Analysis, Linear Mixed Model), Experiment Design