



Yuxiao Yao

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Chapel Hill, NC 

EDUCATION

2018.08-2020.06	University of North Carolina-Chapel Hill	Master of Science in Information Science
2014.09-2018.06	Tianjin University	Bachelor of Science in Information System

Courses: Data Science, Data Mining, Database Systems II, Programming for Information Science, Statistics, Machine Learning, JAVA and J2EE, Foundation of Programming, Data Structures. GPA: 3.5

PROFESSIONAL SKILLS

1. Proficiency in Python and R. Used common analysis statistics toolkit for data science. Familiar with R-Shiny and Tableau for data visualization;
2. Proficiency in using SQL language to extract data and understand Hive application and MapReduce framework;
3. Familiar with JAVA C# C++ and object-oriented programming methodology and can write small games independently;
4. Have learned web development tools from frontend to backend and will use them for master's project developing a social media website.

JOB EXPERIENCE

2019.05-2019.07	Beijing Jingdong Century Trading Co. LTD	Data Analyst (Internship)	Shanghai, China
<ul style="list-style-type: none">Independently responsible for the analysis of the website traffic and user behavior for both PC and APP versions of the Golden Eye Data Platform every week and participated in the JD Mall category sales analysis projects;Responsible for the authorization management for the whole data platform and maintenance of related data.			
2016.01-2016.02	Information Center of Shaanxi Province	Assistant (Internship)	Xi'an, China
<ul style="list-style-type: none">Participated in project discussions and provided data support for the Shaanxi Provincial Government's report on informatization development.			

PROJECT EXPERIENCE

2019.09-2019.12	Data Analysis for Urban Ministries of Durham
<ul style="list-style-type: none">Analyzed real-life client data for Urban Ministries of Durham independently based on their needs using R, R-Shiny, Python and Docker. Earned good feedback from the manager;A large number of observations from 1990's with more than 10 datasets and more than 100 variables are provided.	
2019.10-2019.11	Time Series Prediction of the Monthly Average CO2 Level from Mauna Loa Observatory
<ul style="list-style-type: none">Tried several models in time series and found a way to predict the real data using R;The prediction error is only 0.01% compared to the true value, which achieved the best accuracy among about 20 groups.	
2017.08-2018.06	Research on Factors Affecting Social Media Users' Fatigue Behavior
<ul style="list-style-type: none">Designed metrics and surveys based on theoretical hypothesis and models;Collected and analyzed data to confirm the hypothesis and revise model and draw useful conclusions.	
2017.05-2018.05	Development of "i research" research crowdfunding platform based on WeChat
<ul style="list-style-type: none">Under the supervision of the dean of the scientific research institute, the team conducted this national-level innovation project to fill the gap of research crowdfunding market in china;Mainly responsible for user needs analysis, system design, and AB testing.	