

Yize Zang

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Education

University of Michigan School of Information	Ann Arbor, MI
Master of Science in Information, Specialization in Information Analysis and Retrieval	Apr. 2018
Beihang University School of Economics and Management	Beijing, China
Bachelor of Management, Major in Management Information System, Minor in Mathematics	Jun. 2016
<ul style="list-style-type: none">Chinese Government Scholarship (2015) and National Scholarship (2013)	

Skills

Languages: Mandarin (Native), English (Excellent)
Programming Languages: Proficient in Python, PHP, VBA, HTML and CSS, familiar with C and Java
Software: Proficient in Microsoft Visio, Project, SPSS, SAP ERP, RationalRose, familiar with R, and Statistica
Database Management: Proficient in MySQL, SQL Server, Redis, Elasticsearch and Microsoft Access

Work Experience

IDC Consulting (Beijing) Ltd. , Beijing, China	Jun. 2016 – Aug. 2016
Data Analyst Assistant Intern	
<ul style="list-style-type: none">Built a customer and respondent relationship management database in MySQL and developed front end in Microsoft Access with VBA programming, regarding to six entities and eight functionsUsed SPSS coding to transfer excel survey to SPSS template, in which, more than 6000 variables in totalTranslated and proofread collected raw data from survey and report from Chinese to English	

Related Research Experiences

Research Center of Social Computing, Beihang University , Beijing, China	Jan. 2016 – Jun. 2016
Undergraduate Graduation Project	
<ul style="list-style-type: none">Independently completed “Personalized Hashtag Recommendation System Research Based on Weibo” research and built a hash tag recommendation model based on low-rank matrix recovery techniqueResearched on content-based, collaborative filtering recommendation method and used Python to program the developed model based on Weibo tags, users and resources information to achieve personalized recommendation	
Gerontology Research Center, Simon Fraser University , Vancouver, Canada	Jul. 2015 – Oct. 2015
Research Intern	
<ul style="list-style-type: none">Engaged in “LGBT (Lesbian, Gay, Bisexual and Transgender) Future Planning Project: Improving web access, online services and web safety for end-of-life planning by LGBT older adults” projectAnalyzed Internet usage and end-of-life preparation patterns of 143 LGBT seniors across 5 cities with 231 variables, using SPSS and RInterviewed 5 LGBT seniors on their satisfaction with their current life and the effort they have made to pursue happiness	
Research Center of Social Computing, Beihang University , Beijing, China	Feb. 2014 – Jun. 2014
Research Assistant	
<ul style="list-style-type: none">Involved in “Financial Market Tendency Prediction Based on Sentiment” project and innovated a financial market tendency prediction model based on Supported Vector Machine modelTagged emotional tendencies on over 950 pieces of text data from a financial marketUsed Python to code the prediction model and researched ways to improve the accuracy of prediction from 65% to 75% by optimizing data-tag accuracy	

Leadership Activities

AIESEC (local committee in Beihang University) , Beijing, China	Jan. 2014 – Dec. 2014
VP Finance and Executive Board member of AIESEC BUAA	
Undergraduate Mentor Plan in Beihang University , Beijing, China	Aug. 2013 – Jul. 2014
Sophomore mentor of 6 freshmen mentees	