BingjingGu

Data Scientist

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Web & Git
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github.com/sangaj

Programming

Languages
Chinese ★★★★★
English ★★★★☆

Experience

11/17 - Now	**Risk Data Scientist**	ZhongAn Insurance

Design anti-fraud strategy model by exploring contact relation, location information, personas etc in terms of complex network,community detection,semantic analysis, density cluster and etc;
Web scrape open data and construct relevant database to support model research and verify data,fix price with business partners;
Design,construct and analyze credit decision model by machine learning algorithm(logistic regression, RF,GBDT,etc);
Create parallel computing to speed up data manipulation and model running

03/14 - Now	**Co-founder**	Shanghai Huqi Information & Technology Co., Ltd.

Web scrape public data to detect clients from recruiting websites and analyze the key factors of successful projects by PCA and FA ;
Provide relevant consultant service regarding government grant and business qualification authentication to clients and draft project application report;

02/16 - 08/16	**Data Scientist Intern**	Schiphol Group

Manipulate data from Cloudera Impala running on Apache Hadoop by Spark, Python and R and prepare data for Hackathon and Kaggle competition;
Design research area and methods on the bird data from radar systems and search best predictive model in terms of penalized regression, GBM, SVM and neural network to improve the efficiency of bird control in the vicinity of a runway;
Utilize H2O to parallel compute all algorithm on Cluster machines by R and Python;

10/11 - 08/14	**Data Analyst**	GroupM China (WPP Group)

Design, construct and optimize daily, weekly and monthly database of ratings, which further increase update efficiency by 50 % ;
Build a drama ratings predictive model by using linear regression and neural network;
Program applicable data cleaning module to improve efficiency by C and Excel Macro;
Analyze related ratings, media market and advertisement cost data and explore the value for decision making based on channels, markets, targets and advertisers;

04/10 - 10/11	**Staff**	Agriculture Bank of China

Collect market data,give personalized wealth management advice to clients,promote financial products accordingly by understanding and distinguishing clients needs;

Project

09/15 - 01/16	**Statistical consulting for a PHD fellow**	Leiden University

Clean infant babbling data from Phonbank, analyze the difference and evolution in languages by longitudinal analysis, provide a Ph.D.fellow with consulting service in her thesis which has been publishing in Cascadilla Press

Education

2014 - 2017	**Master's Degree in Statistical Science**	Leiden University
2006 - 2010	**Bachelor's Degree in Mathematics**	Wuhan University

Certifications

Data Science	**John Hopkins University**	Coursera Verified Certificates

Practical Machine Learning; R Programming; Regression Models; Getting and Cleaning Data; Exploratory Data Analysis; Statistical Inference; Reproducible Research; Developing Data Products;etc;