

YITING XIAO

6640 AKers Mill Road SE, Apt.1923, Atlanta, GA, 30339
yiting.xiao@gatech.edu • (404) 906-6550

EDUCATION

Georgia Institute of Technology
M.S. [Analytics](#), College of Computing

Atlanta, GA, U.S.
Aug. 2014 - Dec. 2015

- Computational Data Analytics track. Overall GPA: 3.75/4.0

Shanghai University of Finance and Economics (SUFE)
B.S. Logistic Management, School of International Business

Shanghai, China
Sept. 2010 - June 2014

- Overall GPA: 3.76/4.0, Major GPA: 3.95/4.0, Rank: 2/45
- Outstanding Graduate (5%), Excellent Student Leader (2%), People Scholarship (5%) all semesters.

DATA SCIENCE PROJECTS

Intelligent Career Path Recommender System

Sep. 2014 - Dec. 2014

- Built a hybrid machine learning model to provide users with highly relevant job recommendations based on their resume information; visualization with D3 and Javascript

Star-Rating Evaluation System of User Reviews

Sep. 2014 - Dec. 2014

- Trained a prediction model for star rating of reviews in Yelp Dataset Challenge dataset
- Utilized TF-IDF for data preprocessing, SVD for dimension reduction, K-Means, Random Forest and Support Vector Machines for data classification

Prediction Model for Multiple Readmission on CHF Patients

Sep. 2014 - Dec. 2014

- Utilized Logistic Regression, Decision Tree and Neural Network to predict whether a patient will be readmitted based on socio-demographic characteristics, medical and health conditions
- Offered suggestions to improve the effectiveness of treatment and reduce readmission rate

ANALYTICS PROJECTS

Kohler (China) Investment Corporation
Supply Chain Internship (Paid)

Shanghai, China
May. 2013 - Oct. 2013

- Perfected spreadsheets for sales forecasting and cooperated with 5 sales agents to collect data, reducing the stock-out rate by **12% in 6 month**
- Created macros to streamline weekly inventory reporting; Processed and tracked inquiries, quotations, orders in SAP and performed accurate system entry

Industrial and Commercial Bank of China
Student Researcher

Shanghai, China
Jan. 2013 - May. 2013

- Designed computer simulations in Arena to evaluate the efficiency of current staffing
- Applied binomial probability model to data procession to offer practical suggestions on staff scheduling, eliminated the management cost by 1%

Shanghai Diesel Engine Company Limited
Student Researcher

Shanghai, China
Sep. 2012 - Dec. 2012

- Applied Saving Algorithm to real-life vehicle routing problem and designed a C++ model to minimize the total cost of transportation with 183 suppliers all over the country
- Reduced the total weekly mileage by 205,992 kilometers and the fuel costs by \$54,717 as well as the drivers weekly salary by \$7,524

LEADERSHIP EXPERIENCE

Co-founder of Jiaying Student Union, SUFE, 2011-2012

- Organized tens of voluntary activities (e.g., assist teaching, hospital service)

Core Member in Department of Youth & Volunteer, SUFE, 2010-2011

- Organized volunteer works in Shanghai Grand Theater and some special education schools

Class Co-president of School of International Business, SUFE, 2010-2011

SKILLS

Programming Languages:

- R, SAS, Python, C++, HTML, Java

Tools:

- **Database** (sqlite, MongoDB), **Visualization** (D3, Gephi, Tableau, \LaTeX), **Simulation** (Arena), **Distributed** (Hadoop, Spark, AWS), **Machine Learning** (Weka, sk-learn)