

Minshi Tan

Chapel Hill, NC

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WORK EXPERIENCE

Assistant Researcher

Office of Undergraduate Admissions: University of North Carolina at Chapel Hill - Chapel Hill, NC - November 2014 to Present

- Evaluate the effectiveness of certain scholarship on attracting students to UNC using propensity score models.
- Apply logistic regression, spline, QDA, tree to predict the enrollment probability of a certain student.
- Develop a tool based on linear integer programming to select students for scholarship programs.

Data Analyst Intern

100 Credit Co. Ltd. - 北京市 - June 2014 to August 2014

Responsibilities

- Used application form and online data to develop and implement a credit card scorecard model based on logistic regression on SAS for a commercial bank in modelling team; the model is used in online credit card approval process
- In charge of descriptive statistical analysis and report for 20+ companies, turned 10+ of them into clients.

Accomplishments

Scorecard Model for a commercial bank

Skills Used

SAS, Statistical Modelling

Assistant Researcher

PBC School of Finance - 北京市 - May 2011 to May 2013

Demographics, Financial Conditions, Attitude and Financial Knowledge with Credit Card Use

- Analyzed the effect of demographics, financial conditions, attitude and financial knowledge on credit card use as payment and financing medium based on 3,000 observations China Consumer Finance Survey.
- Used methods of hypothesis test and regression, built a forecasting model for consumer credit card use.

Research on Sunshine Private and Venture Capital

- Collected data on 3,000+ sunshine private funds from WIND database; analyzed fund managers' preference, experience, educational level and additional aspects' effect on the success of these funds.
- Utilized CVSource to examine 1,000+ venture capital companies' holding periods, total investment amount and share proportion after IPO to understand their effects on valuation.

Research on venture capital quantitative model

- Assessed the evaluation parameters to a startup company after studying more than 300+ venture capital reports.
- Gained the effective parameters and classified them into four categories and summarized pros and cons.

Investment Banking Intern, Investment Bank Division

PBC School of Finance - Shenzhen, CN - June 2012 to August 2012

Completed research and report on 40+ listed companies in the food and beverage industry concerning asset allocation, core competitiveness and financial status to improve the value of an IPO underwriting pitchbook.

- Conducted an audit of a Chinese technology company to assess compliance with corporate & securities law requirement.
- Evaluated 20+ companies to create a report on the future prospects of the shale gas industry for senior leadership.
- Participated in daily trainings on marketplace opportunities and analytical skills.

Venture Capital Intern, Investment Division

PBC School of Finance - Shenzhen, CN - July 2011 to September 2011

Performed analysis on photoelectric glass and photovoltaic inverter industries including external influences, supply and demand, chain and vendor analysis to better construct our investment thesis.

- Screened 400+ companies and recommended 20 for investment; CDF approved multiple proposals for further analysis.

Volunteer

Social Workers Across Borders Ltd - August 2008 to August 2008

Aug. 2008

- Performed voluntary psychological assistance for victims in Wenchuan earthquake of Leigu Town.
- Improved relief supplies storing strategy cooperating with students from Cambridge University, HKU and HKUST.

EDUCATION

Bachelor in Mathematics and Physics

TSINGHUA UNIVERSITY Beijing - 北京市

August 2009 to July 2013

MS in Interdisciplinary Statistics and Operations Research, Minor in Computer Science

THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL Chapel Hill - Chapel Hill, NC

2013

SKILLS

SAS, R, Python, SQL, Data Analysis

LINKS

<http://www.linkedin.com/pub/minshi-tan/29/7a6/369/>

ADDITIONAL INFORMATION

- SAS Advanced Programmer, fluent in C, Matlab, R, AMPL, Eviews, Origin and Office
- CFA Level II Candidate, FRM Level II Candidate.
- Travelled to Tibet for 9 times and more than 10 countries; summited Elder Peak (Altitude 5355m).
- Qualified to fly Cessna and obtained PADI Open Water Diver License.
- Won the 2012 Tsinghua Univ. Tennis Tournament (200+ players competed).