

EDUCATION

2008.9-Now	M.S. Statistics. GPA: 3.9/4.0	Department of Statistics, Stanford University, Expected in Mar, 2009
2004.8-2008.7	B.S. Mathematics. GPA: 88/100	Mathematic of Sciences, Tsinghua University, China Rank: 9/80

Career Objective

A challenging position that I can apply my quantitative skill to solving challenging problems

COMPUTING SKILLS

Statistical Software Package: Proficient in SAS and SAS Macro (UNIX & Windows), Matlab, R, S-PLUS

- Extensive knowledge in machine learning, classification, including CART Tree, Boosting Tree (GBM), Random Forest (RF), and Support Vector Machine (SVM) with R, S-PLUS programming
- Project experience: Online advertisement optimization, online transaction fraud detection and Spam/Email filter with SAS, SAS Macro and R.

Programming Language: Familiar with C++, Matlab, SQL.

- Familiar with Queue, Binary-Tree, Map, linked list, etc. Mastered algorithms include sorting, hashing, divide-and-conquer, recursive, back-tracking with C++.

Work EXPERIENCE

2009.6-2009.9 **Data Mining Intern on online Advertisement Optimization in Opinmind, Inc**

- Successfully increased 10% - 15% Click Through Rate (CTR) than previous algorithm and effectively target online consumer to increase the profit of the company by approximately 10%
- Made final presentation to CEO and Managers with graphs to illustrate the applications to CTR prediction, customer targeting and profit maximization of different machine learning algorithms.

ACADEMIC EXPERIENCE

2009.2-Now **RA & SAS Programmer for Prof. Bundorf, Insurance Cost Analysis, Medical & B-School, Stanford**

- Wrote more than 5000 lines SAS and SAS Macro under UNIX to process large insurance data sets to analyze the driven cost of privately insurance.
- Participate in designing experiment, suggesting statistical methods and testing statistical hypothesis to analyze data and get experience in executing multi-projects including inpatient, outpatient and drugs.

2008.9-2009.3 **Consultant in Statistical Consulting Program, Department of Statistics, Stanford**

- Enhanced communicative skill by talking with students and researchers of different background and understanding their problems and needs in their research.
- Helped clients to solve challenging practical projects by choosing suitable statistical models with collaboration of other members in statistical consulting members.
- Wrote reports to explain results to clients using data and graphs to help them better understand the statistical meaning of the results and suggest suitable actions for further study.

2008.2-2008.6 **Graduate Design Project of Value at Risk Calculation Based On SAS, Tsinghua**

- Highest score paper on financial mathematics subjects in 2008, Tsinghua University
- Wrote 1500 lines of SAS codes with SAS Macro to calculating Value at Risk of portfolios of 20 stocks by Historical Simulation, Covariance-Variance Method and Monte Carlo Simulation, and estimated stock volatility by SIM, EWMA and GARCH(1,1) Models.

TEAMWORK & LEADERSHIP

2006.5-2007.9 **President of Students' Interpersonal Development Association (SIDA), Tsinghua University**

- Led SIDA to win a bunch of honors and awards including Annual Best New Association (2006) , Golden Prize of Students' Quality Development Program(2007, Highest Level)
- Effectively communicated and persuaded senior managers from off-campus companies to donate 10,000 ¥ to support SIDA programs to improve students' interpersonal skill in Tsinghua
- As project leader, I organized more than 5 speeches in campus, responsibilities including fund raising, speaker invitation and propagation. Each speech has more than 250 attendees.

HONORS & AWARDS

2007	Second Academic Scholarship of Tsinghua, top 10%
2005/ 2006	Academic Scholarship of mathematical department of Tsinghua University, top 15% (twice)
2007	First-Level winner of mathematical modeling competition in Tsinghua University, top 10%
2007	First Prize of National Mathematical Modeling Competition in Beijing Area, China
2006	Second Prize of Students Research Training for undergraduate students in Tsinghua University
2005	Second prize of English Speech Competition in English Summer Camp 2005 Tsinghua University
2002	First prize of National English Contest and was chosen as the only provincial delegate for Cambridge