

# Crystal Ni

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## Career Objective

- Seeking a challenging analysis position whereby qualitative and quantitative skills are mainly needed

## Skills

- Quantitative: multiple regression; factor analysis; multiple discriminant analysis; cluster analysis; MANOVA; hierarchical linear model; questionnaires;
- Qualitative: In-depth interview; secondary research;
- Professional characteristics: quality-driven; forward-thinking; team-player;
- Software Skills: SAS; R; SPSS; PHP; HTML; SQL; MS office; EXCEL

## Research Experience

### Independent Project

Austin, TX

- SQL project: Space Camp for Interested Visually Impaired Students *Feb – Now 2014*
- Evaluation of *High School Financial Planning Program* *Feb. – Mar. 2013*
  - Identified measureable and operational goals in two orders;
  - Developed program decomposition diagrams on three levels;
  - Proposed two quasi experiments to evaluate outcomes;
- Used linear regression to identify factors influencing UT first-year students' GPA with SAS *Nov. 2013*
  - Data cleaning includes excluding outliers and coding on missing data
  - Identified variances in GPA that were explained by SAT, High School Rank and gender
  - Built chart using SAS and wrote final report

### Project Leader

Wuhan, China

- Qualitative Research on the *Influence Factors of Contract Breach Behavior among Tuition Free Normal School Students* *Mar.2012*
  - Outlined interview topics based on theoretical hypothesis
  - In depth interviews with voice recording
  - Transcribed recording to texts and generalized the key factors through analyzing
- Amended the questionnaire of *Fear of Positive Evaluation*; enhanced the overall reliability & validity for social phobia related research *Oct.2011*

### Research Assistant

Key Lab of Adolescent Online Psychology & Behavior, China

May.2010- Jun.2012

- An Eye Movement Study of the Metaphor Relationship between Time Representations and Horizontal Position & Metaphor Relationship between Power and Vertical Position,
- Experimental design, data collection and analysis
- Explored the wide application of the Eyes Tracker in the field of education and advertising

### Investigator

Chibi County, Hubei Province, China

- Project entitled “*Advanced-warning & Counter-measures for Mass Incidents*” National Natural Science Foundation, Institute of Psychology, Chinese Academy of Science; *Feb.2010-Feb.2011*
- In depth interview with topics covers living condition of urban and rural resident, satisfaction degree towards government, ratio of Mass Incidents in the past five years etc.
  - Data collection and analysis, overall social situation analysis and report

## Education

MS. / College of Education, University of Texas at Austin (UT)

Texas, U.S.

Major: *Quantitative Methods* / GPA: *Currently 3.84*

*Aug.2012-May.2014(Expected)*

B.S. / School of Psychology, Central China Normal University (CCNU)

Hubei Province, China

Major: *Applied Psychology* / GPA: *Total 3.7, Major :3.8*

*Sep.2008-Jun.2012*

## HONORS

Texas New Scholar Awards for Master's Students

*Apr.2013*

Distinguish Investigator Honor for *Advanced-warning & Counter-measure of Mass Incidents* Project

*Jan.2011*

Excellent student Scholarship (Boya Scholarship) for 3 consecutive years

*2009-2011*