

Kelly Huang

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QUALIFICATION AND SKILL HIGHLIGHT

- Data Analysis and data mining (Multiple regression, Logistic regression, Generalized Linear Model, Nonlinear regression, Analysis of longitudinal data, Survival analysis)
- Financial model and quantitative analysis (Portfolio Management, CAPM, APT, Black-Scholes model, VaR, Option pricing and calculation of their "Greeks", Modeling the term structure of interest rates (short rate modelling and credit spreads, Monte Carlo method)
- SAS Base and SAS Advanced Certified Programmer
- Advanced EXCEL Microsoft Office (vlookup, pivot tables, macros, VBA, advanced calculations, etc) SQL
- Mandarin native and basic Japanese
- Excellent problem solver, quick learner and team player.

EDUCATION BACKGROUND

The George Washington University, Washington, DC Master of Statistics	Aug 2012-May 2014
Wuhan University, Wuhan, CHINA Master of Finance (Tests Waiver Admission)	Aug 2011 - Jul 2012
Wuhan University, Wuhan, CHINA Bachelor of Economics in Financial Engineering	Aug 2007 - Jul 2011

RESEARCH AND WORK EXPERIENCES

Focus with Friends of Choice of urban schools, The Next Step Public Charter School, Washington DC Data Intern	Sep 2013 - Present
<ul style="list-style-type: none">• Tracked assessment data programmatically by using SAS and Excel.• Cleaned and uploaded student information to quick-base database.• Identified trends by groups, analyzed the performance of students and generated the report for the school.• Built school attendance track systems by using Microsoft ACCESS.	
Data analysis and develop investment strategy for BOWEI Communication Technology co., LTD Research Assistant	Jan 2012 - Jul 2012
<ul style="list-style-type: none">• Calculated the feasibility of algorithm trading in China stock market by using stock daily data and R software.• Used R-S analysis method to study the Volatility Recurrence Internal in Stock Market.	
People's Bank of China, Hubei, CHINA Intern	Feb 2011 - Mar 2011
<ul style="list-style-type: none">• Imported and analyzed business contracts and custom declarations to the Foreign Exchange Management System.	
WANLIAN SECURITIES, Hubei, CHINA Assistant Investment Advisor	Jul 2010 - Aug 2010
<ul style="list-style-type: none">• Generated weekly reports of transaction statistics and provided data for customers.• Collected industry research reports to support advisor's investment analysis.• Assisted sales team with customer support and developed new business.	
Small and Medium Enterprises' Electronic Commerce Development Situation and Countermeasures Research Assistant, Wuhan University Sponsored by National Research Fund	Sep 2008 - Dec 2009
<ul style="list-style-type: none">• Conducted investigations on electronic commerce development, wrote investigative reports, and performed statistics and analysis.• Awarded "Excellent Research Result" of Wuhan University	
Investigation and Research on the General Public's Mathematical knowledge (Summer Social Practice)	Jun 2008 - Sep 2008
<ul style="list-style-type: none">• Created and administered student survey by using Stratified sampling method.	

LEADERSHIP ACTIVITIES

Wuhan University Mathematical Modeling Association, Head of Publicity Department	July 2007 - Sep 2008
Wuhan University Innovative Practice Center, Vice President	July 2007 - Sep 2008

INDIVIDUAL HONORS

- Excellent Student Award (2008-2009)
- People's Scholarships Award (2007-2008, 2008-2009)
- Achieved excellence award in the 1st Central China Mathematical Contest in Mathematical Modeling (5/2008)
- Freshman Scholarships Award (2007)
- Chinese Mathematical Olympiad national second prize across the nation (10/2006)