Honghao (Jim) Qiu

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EDUCATION

University of California, Berkeley (College of Engineering) *Expected, May 2016*
Master of Engineering(M.Eng), Operation Research – Data Driven Decision Analytics
- GPA: 3.91/4.0, Core: 4.0/4.0
- Capstone Project Manager (at Berkeley Research Lab): Big Data & Machine Learning in Manufacturing Failure Prediction

Chinese Academy of Sciences & China University of Political Science&Law(Joint Education Program) *Sept 2011-June 2015*
BS Applied Mathematics & BA Financial Economics (Double Majors)
- GPA: 3.93/4.0 (WES), Core: 4.0/4.0, Rank 1/330. Highest GPA in university history, admit by U Chicago MFE w/ scholarship

Peking University *Sept 2014-Feb 2015*
Master Program Visiting Student, Graduate Dept. of Computer Intelligence
- GPA: 4.0/4.0 (WES), Recommended by Dean for Research in Large-Scale Complex Optimization Algorithm Development

University of California, Los Angeles *Mar 2014-June 2014*
Study Aboard Foundation Sponsored Exchange Student, Dept. of Statistics & Economics
- GPA: 4.0/4.0, top 3% in all courses, Ranked 1 and A+ in more than half of courses taken

Courses (Master&PhD level): (Tech)Entrepreneurship;Engineer Leadership;(Statistical)Machine Learning;(Advanced)Algorithms &Data Structure;Applications(NLP) in Data Analysis;Visual Info Processing(Computer Vision);Applied Stochastic Analysis;PDE; Advance Statistics&Quantitative Method; Financial Engineering;Advance Econometrics;Risk Modeling&Simulation;Optimization
Honors: National Scholarship,President Scholarship,Highest Graduate Distinction-Beijing Outstanding undergrad

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PROFESSIONAL EXPERIENCE

UC Berkeley Laboratory for Manufacturing & Sustainability, *Project Manager & Research Assistant* *Aug 2015-Jan 2016*
- Conducted research from large datasets collection and processing, statistical machine learning to product commercialization
- Managed 2 people project team to finish both technical and business side of work. Help built tech startup Infinite Uptime

GuoWangJinDian Technology & Financial Service Corporation, *Cofounder & Partner* *Feb 2014-Aug 2015*
- Provided clients with services from business mode solution, strategy consulting to software/website design&development. One of 3 Partners,VP in Tech(data solution)&Business(consulting) Practice. Company raises 5M RMB&registers in Qianhai, Shenzhen
- Led P2P project financial strategy part, cooperated with insurance, bank and government to develop operation business model. Researched in industry, risk, and securitizing strategy with fund. Advised on website functional design by modeling real-time data

Oliver Wyman, *Strategy Consulting Summer Business Analyst* *Aug 2014-Feb 2015*
- Contributed directly to final present slides on insurance rate future prediction & dealership operations for an automotive group
- Conducted stress testing, industry chain and channel analysis, acquisition opportunity research, financial statement/reports/ news research and new marketplace/region exploration to greatly push 3 projects (reinsurance, real estate and bank) forward

DreamOut Nonprofit Organization, *Founder & President* *Sep 2013-Jan 2015*
- An organization prepares students for international job/intern hunting & studying aboard with workshop, lecture, tutorship, etc.
- Directed strategy & operation for all departments. Built initial team and organized 40+ activities in 4 universities with 1,000+ students participated. Attracted 500+ students as membership, 5,000+ followers, 100,000+ views on 4 main social media platforms

NewMargin Venture Capital, *Investment Assistant* *June-July 2014*
- Carried out investment analysis(conduct evaluation,spot tech trend and new market opportunities) for projects in TMT industry

People's Bank of China, *Economic&Financial Research Analyst* *July-Aug 2013*
- Finished two 15,000-word research reports on trust and real estate, both accepted by Central Bank Monthly Internal Journal

Citi Bank, *Part-time Analyst* *April-June 2013*
- Structured parameters and carried out thorough credit risk modeling. Managed credit data for certain clients

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RESEARCH PUBLICATIONS & CONTEST

Mathematical Modeling Contest, *National First Prize Winner (1%)* *Sept 2014*
- Built energy-optimizing model and solved satellite-landing problem by Genetic algorithm. Rank 1% among 25,000+ teams

IEEE International Conference on Computational Science and Computational Intelligence, *2nd Author* *Feb 2014*
- Algorithm development for document pattern recognition. IEEE Xplore(EI),Issue on Volume 1(March 2014), ISSN 1433-3719

Journal of China Real Estate (Core Journal), *1st Author* *June 2013*
- Poblems and solutions to Public Housing in Guangdong based on 1-month fieldwork. Issue 6 (June 2013), ISSN 1001–9138

Research Projects: Heuristic complex scaled optimization algorithm development; Intelligent traffic system design through financial modeling; SME Online loaning Modeling (National Research Project Sponsored by China Education Dept.); HMM& Twitter-Based Trading Algorithm, Asymptotic kernel Estimate&Instrument Quantile Regression, Book Cluster&Recommendation

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SKILLS & INTERESTS

Leadership: Student Union Dept President,HarvardMUN Head Delegate,Boston SocialVenture Project CEO,BigIdea Project CEO
CS: Matlab, Python, Java, R, Spss, Stata, SQL, Html/CSS/Javascript; Oracle certify Java programmer/web component developer
Quantitative:GRE Quant 99%,ADV stat method(nonparametric regression) from Stanford PhD 2nd year course:ADV econometric
Languages: Full professional proficiency in English, Native Speaker in Mandarin, Cantonese and Hakka.GRE332Quant170(99%)
Interests: Marathon; 3rd Place Basketball Team; Haas Consulting Club; Violin, Guitar, Sketch; Read 1 book/week; Zen Meditation