

# Ding Ma

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## Education

### New York University, Center for Urban Science & Progress

New York, NY

Master of Science in Informatics, CUSP Scholarship, GPA: 3.7/4.0

Expected Aug. 2016

Member of Quantified Communities Group with smart city projects in Hudson Yard and Lower Manhattan

Core Courses: Machine Learning for Cities, Big Data Analysis, Information Visualization; Other Domain Electives: Algorithmic Trading and Quantitative Strategies, Design and Development of Web and Mobile Application

### Tsinghua University

Beijing, China

Bachelor of Civil Engineering and Construction Management, major GPA: 89/100 (ranked 4<sup>th</sup>)

Sep. 2011 – July 2015

Academic Excellence Scholarship of Tsinghua University (5%)

Real Estate Related Courses: Urban and Real Estate Economics, Price Theories and Appraisal, Contract Management

### Peking University, National School of Development

Beijing, China

Bachelor of Science in Economics, double-major, GPA: 3.4/4.0

Sep. 2013 – July 2015

Core Courses: Econometrics, Corporate Finance, Futures and Derivatives, Financial Statement Analysis

China Centre for Economic Research club member with opportunities to visit diverse companies

## Work Experience

### Bankwel Assets Management Corporation: Part-time Financial Analyst

Beijing, China

- Implemented due diligence, feasibility studies, risk assessment of target projects
- Evaluated alternative investment based on financial statement analysis and benchmarking
- Assisted with the operation of a Person to Person (P2P) financing platform

April 2015 – June 2015

### Sino Group: Summer Intern

Hong Kong

- Visited the properties in HK, contrasted the differences in real estate between mainland and HK
- Communicated with the chief officers and analyzed the policies which might influence the market
- Researched on local markets through the view of international economics and assessed property market trends

July 2014 – Aug. 2014

## Academic Experience

### Deliverable Projects

New York, NY

- Demographic Analysis of Neighborhoods in Queens based on ArcGIS and data mining
- International Migrant Stock Analysis based on community detection of network analysis
- Location Analysis of Sports Clothing Stores in Manhattan based on clustering and visualization

### Construction Safety Research Center of Tsinghua University: Group Member

Beijing, China

- Implemented research about safety performance based on light and pressure sensors for quantitative experiments
- Assisted with agent-based and dynamics modeling for simulation in AnyLogic

## Personal Development

### Ballroom Dance Team in Student Art Group of Tsinghua University: Vice-Captain

Beijing, China

- Assisted training, took part in and presided over team performance for anniversaries

### Tsinghua University Sports Team: Member of Taekwondo Team

- Trained regularly, expanded the influence of Taekwondo on campus, ranking 3<sup>rd</sup> among light weight competitors of Beijing

## Skills

- **Computer:** Skilled command of MS Office, Python, R, SQL, MATLAB; Basic skills of Hadoop, Spark, Eviews, D3.js
- **Languages:** Fluency in English and Mandarin Chinese; Basics in German
- **Finance:** Passed CFA level I, Candidate for CFA level II