

# Jiacheng Dai

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## EDUCATION

### University of Wisconsin-Madison

*Master of Science in Economics*

- **GPA:** 3.5 / 4.0

- **CFA Level One Candidate**

- **Core Course:** Financial Accounting, Stochastic Process, Econometrics, Time Series, Mathematical Finance, Economic Forecasting, Advanced Microeconomics, Advanced Macroeconomics

**Madison, WI/US**

June 2015

### University of Chicago

*Master of Science in Computer Science*

- **GPA:** 3.5 / 4.0

- **Core Course:** Algorithm, Java, Design Pattern, Database

**Chicago, IL/US**

June 2013

### Beijing Institute of Technology

*Major: Bachelor of Engineering in Computer Science*

*Minor: Economics (2-year study)*

- **GPA:** 3.7 / 4.0

- Academic Scholarship (every semester)

- **GRE:** Verbal: 97%, 690/800, Quantitative: 93%, 800/800

- **Core Course:** C, C++, Data Structure, Numerical Analysis, Mathematical Analysis, Probability & Mathematical Statistics, Artificial Intelligence, Network, Financial Management, International Finance, Money and banking, Securities Investment, Insurance

**Beijing, Beijing/China**

June 2012

## ACADEMIC RESEARCH

### Beijing Institute of Technology

*Research Assistant*

Topic: Research and Realization of Short Term Power Load Forecast Model Based on Multi Cores

- Research Contents: SVM (support vector machine), Neural Networks
- Used SVM, Neural Networks method and C++ language to implement a software to forecast short-term electricity.

**Beijing, Beijing/China**

Nov 2010 – Dec 2011

## PROGRAMMING EXPERIENCE

### Simulated Pinterest Website

- Programmed whole website using Ruby on Rails.
- Decorated website user interface with CSS and Javascript.

Mar 2013 – Apr 2013

### You Draw, I Guess

- Coded this game with Objective-c language on Xcode.
- This is an internet-based game, utilized game center of Apple served as server side.

Jan 2013 – Mar 2013

### Plane Fight

- Used object-oriented thought to make a plane game.
- Applied Model-View-Controller design pattern to this game.
- Implemented this game with Java.

Nov 2012 – Dec 2012

### Image Retrieval System(graduation project)

- Learned image retrieval principles like content-based algorithm and contour based algorithm.
- Implemented image retrieval system with C++ and SQL.

Feb 2012 – May 2012

### Multifunctional Music Player

- Learned how Linux system works and how to use and call Linux system functions.
- Added functions(C++) in an existed Linux Music Player working on terminal in order to get a much stronger music player.

July 2011 – Aug 2011

## WORK EXPERIENCE

### Southwest Securities

*Intern, Asset Management Division*

- Got familiarized with Chinese asset management business policy.
- Participated in monitoring of 3 client-specific asset management businesses.

**Chongqing, Chongqing/China**

Dec 2013 – Feb 2014

### Industrial Bank Co., Ltd. Chongqing Branch

*Intern, Investment Banking Department*

- Participated in trust business, successfully helped Yuqiao Economical Development Company to finance 120 million RMB, supported clients' negotiations.
- Assisted with meeting and discussion preparation, minutes taking and document translating.

**Chongqing, Chongqing/China**

July 2011 – Aug 2011

### Agricultural Bank of China, Chongqing Branch

*Intern, Gaixin District Office*

- Assisted supervisor in the bank loan financing process.
- Conducted financial-data research, audited financial statements, and created credit reports.
- Learned various bank business processes and accounting practice knowledge.

**Chongqing, Chongqing/China**

July 2010 – Aug 2010

## LEADERSHIP EXPERIENCE

### Student Union of Beijing Institute of Technology

*Leader of the Training and Checking Department*

- Trained new members of Student Union, familiarized them with regulations and rules and tested them by paper tests or other forms.

**Beijing, Beijing/China**

Feb 2009 – Mar 2010

## SKILLS

**Languages:** Fluent in English and Chinese

**Technical Skills:** C, C++, Java, Objective-C, SQL, PHP, Ruby, HTML, CSS, Excel, Word, PowerPoint, Python, Stata, R, Matlab