

## EDUCATION

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### Princeton University

- *Master in Finance*
- Anticipated Coursework: Asset Pricing, Statistical Analysis of Financial Data, Corporate Finance and Financial Accounting, Financial Econometrics

**Princeton, NJ**  
08/2021-05/2023

### Brandeis University

- *Bachelor of Science in Economics, Applied Mathematics, Minor in International and Global Studies*
- Major GPA: 4.0/4.0; Cumulative GPA: 3.9/4.0; (Phi Beta Kappa, Magna Cum Laude, Dean's List)
- Relevant Coursework: Applied Linear Algebra, Multivariable Calculus, Fourier Series and PDEs, Probability, Statistics and Data Analysis, Real Analysis, Optimization, Advanced Programming in Java, Data Structures, Financial Economics, Advanced Econometrics, Game Theory, Option and Derivatives

**Waltham, MA**  
08/2017-05/2021

### University of Oxford

- *Study Abroad Program*
- Cumulative GPA: 3.9/4.0

**Oxford, England**  
10/2019-06/2020

## PROFESSIONAL EXPERIENCE

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### Guotai Junan Securities

#### *Equity Research Analyst*

- Analyzed the fundamentals and financial data of automotive electronics product suppliers in China, interpret industry trends using Excel and VBA, and write equity research report using relative and absolute valuation method
- Compared the advantages of Huawei Harmony 2.0, Google Fuchsia and TencentOS tiny, and quantify the impact of the launch of the operating systems on the market position of Windows in the PC market

**Beijing, CN**  
11/2020-03/2021

### AAN Advisor

#### *Analyst*

- Completed consumer stock selection, individual company research reports, and a market emergencies coping strategy report according to data obtained from various channels (including WIND, annual reports, third-party research reports, and official information websites, etc.)
- Compiled monthly reports on private equity funds in Chinese and English based on fund manager interviews and asset performance data analysis
- Established the rudiment of a risk management model through VBA

**Beijing, CN**  
05/2020-07/2020

### Delian Capital

#### *Analyst*

- Analyzed the product values and advantages of small to medium sized American companies in the gene therapy industry, completed industry analysis reports, and built mathematical models to predict future M&A price trends in the industry
- Researched the trend of the internet multicloud management industry, analyzed the technology and marketing patterns of FIT2CLOUD, and participated in writing project introductions and due diligence reports

**Beijing, CN**  
08/2019-09/2019

### Beijing Sihai Management Consulting Ltd.

#### *Analyst*

- Analyzed whether or not a technology company should enter the Middle East market, including the analysis of the corresponding industry development trends, industry competition, and enterprise positioning, and conducted a feasibility report based on the analysis

**Beijing, CN**  
05/2018-08/2018

## RESEARCH EXPERIENCE

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### Brandeis University,

#### **Optimization of Task Assignment Model Based on Satisfaction Maximization**

##### *Project Member*

- Developed a model using Python that maximizes workers' happiness index on the basis of meeting various skill requirements, and solved the original problem and the dual problem at the same time to measure the impact of different constraints on the results and determine the optimality of the solution

**Boston, MA**  
10/2020-12/2020

#### **Research on Markowitz's Portfolio Selection (1952)**

##### *Project Leader*

- Adopted Python to optimize the graphical interpretation of covariance when  $n=3$ , and analyzed prices of 53 different assets in 2,520 trading days from 2006 to 2016 to find an optimal allocation of assets

**Boston, MA**  
02/2019-04/2019

## LEADERSHIP EXPERIENCE

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### Brandeis University, Archon Yearbook

#### *Co-editor*

- Responsible for the yearbook's operation, including finance management, communications with relevant companies and school officers, photo collection from other clubs, etc.

**Boston, MA**  
09/2017-05/2021

### Oxfordshire County Council

#### *Student Consultant*

- Presented a feasibility report on carbon sequestration for the County Council based on the analysis of the distribution of land ownership and the carbon interception on different surfaces

**Oxford, UK**  
01/2020-05/2020

## SKILLS

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- **Programming Languages:** C++ (1 year), Java (2 years), Python (2 years), Bloomberg (1 year)
- **Language:** Native in Mandarin, advanced in English (TOEFL 115)