

BOWEN LIN

Alberta School of Business, University of Alberta, Edmonton, Alberta, Canada T6G 2R6

Email: blin7@ualberta.ca Phone: +1(780)-901-1503

EDUCATION

University of Alberta, Alberta School of Business

Ph.D. in Finance

Edmonton, AB, Canada

Jan 2025 – Present

Johns Hopkins University, Carey Business School

Master of Science in Finance

Baltimore, MD, USA

Aug 2020 - Dec 2021

University of California, Berkeley

Exchange Student (One semester program focusing on investment and new technology knowledge)

Berkeley, CA, USA

Jan 2019 - Jun 2019

China Foreign Affairs University

Bachelor of Economics

Beijing, China

Sep 2016 - Jun 2020

RESEARCH

The Impact of Market Sentiment and Dividend Payment on Apple's Stock Price

Oct 2021 - Dec 2021

Advisor: Prof. Dongho Song (Carey Business School, Johns Hopkins University)

- Analyzed texts, events, market sentiment variables and dummy variables on the basis of FF-3-factor model through MATLAB
- Quantified the scores of thousands of tweets per day as the market sentiment between 2017 to 2019 whose data was sourced from Yahoo Finance and Kaggle
- Empirically demonstrated that the positive sentiment in the market often drives the demand for Apple's stock and further increases the stock price and return

The Factors of Household Consumption Level

Jan 2021 - Mar 2021

Advisor: Prof. Zhaogang Song (Carey Business School, Johns Hopkins University)

- Constructed the STEPLS model in MATLAB to illustrate the relationship between household consumption level and related factors
- Ran and presented the result of heteroscedasticity tests and omitted variable bias test
- Achieved the SOTA performance on various benchmarks of per capita disposable income of residents and provided directions or methods to improve national consumption level accordingly

The Impact of the Epidemic on the Economy from the Perspective of Consumption

Aug 2020 - Apr 2021

Advisor: Dr. Jing Pan (Research Institute of Electronic Payment, China UnionPay)

- Pre-possessed the offline transaction data recorded by UnionPay whose average daily trading volume was 0.4 billion
- Proposed DID model and SARIMA model through R to prove differences in the economic recovery throughout various regions and industries theoretically
- Achieved the SOTA performance on various benchmarks of the recovery speed and stability using consumer coupons

Investors' Sentiments on Investment Decisions: the Perspective of Behavioral Finance

Sep 2018 - May 2020

Advisor: Prof. Yancong Wang (School of International Economics, China Foreign Affairs University)

- Validated the influence of investor sentiment on investment decision-making by modeling investor behavior based on Price Theory and Trend-Based Investment Strategies
- Empirically demonstrated that investor sentiment was closely related with social demographic characteristics, investment preference and financial status
- Adopted SPSS to conduct independent t-test, F-test, ANOVA, Brown-Forsythe test, LSD post-hoc test, Tamhane's T2 and correlation test to explore the significance and correlation of investor sentiment for investment decisions

The Economic Transformation in the Era of Big Data

Sep 2017 - Jun 2018

Advisors: Prof. Zaiyong Hu (School of International Economics, China Foreign Affairs University)

- Conducted market research on online shopping and shared bikes through surveys and corporate visiting

- Employed STATA and MATLAB to analyze the significant level and the correlation between the gathered data
- Identified the price competition problem between the emerging market and gave out the future prediction of the Big Data Era and the recommendation of market regulation

PROFESSIONAL EXPERIENCE

Guotai Junan Securities

Shanghai, China

Assistant Manager, Investment Banking Division

Jul 2021 – Apr 2024

- Executed one IPO that raised 3 billion USD for the client company at the SIX Swiss Exchange, one acquisition whose underlying asset value was 235 million CNY and one non-public offering that gathered 953 million CNY
- Estimated the future stock price by adopting R to build ARIMA and GARCH model for forecasting volatility and trends in financial time series data to ensure that the company's market value would meet the declared benchmark
- Performed in-depth analysis by analyzing company-wise and industry-wise data extracted from annual reports or prospectuses to build models through MATLAB that estimate WACC and other financial metrics in the industry and presented the findings through reports and graphics
- Conducted due diligence on 20+ potential companies via top-down analysis in terms of macroeconomy/policies/market sentiment, fundamental analysis through industry investigation and the competition advantage identification, walkthrough testing and site visiting

Guotai Junan Securities

Shanghai, China

Intern, ZHENGYU Investment

Apr 2021 - Jul 2021

- Healthcare Industry: Conducted healthcare industry research and company analyses

China UnionPay

Shanghai, China

Intern, Research Institute of Electronic Payment

Aug 2020 - Apr 2021

- Collaborated with Postdoctoral Researcher in writing research papers; Researched the online transactions data by constructing multiple regression model and SARIMA model through R
- Participated in the Business Innovation Competition; Built an intelligent evaluation and decision-making platform for marketing effect by using innovative methods such as machine learning, data mining and quantitative modeling
- Assisted in the scalper attack and defense projects and black tools research, mainly responsible for information collection of illegal tools and the improvement of scalper monitoring website

CICC Capital Management CO., Ltd.

Beijing, China

Intern, CICC GENESIS

Oct 2019 - May 2020

- VC: Completed weekly reports; Attended and recapitulated roadshows, annual meetings for investors and interviews; Prepared materials and PowerPoints including investment strategy, historical performance, incentive mechanism, post-investment management, etc.; Highly involved in medical, telecom, consumer, manufacturing and other industries
- PE: Attended and recapitulated the interview with the companies' founder and relevant senior managers; Conducted research and analyses on industries and companies; Completed the valuation report for the projects; Highly involved in semiconductor, telecom and other industries

The People's Bank of China

Shanghai, China

Intern, First Clearing Debt Department

Jul 2018 - Aug 2018

- Assisted managers in reviewing and dealing with non-compliant institutes
- Completed the follow-up of commercial banks' services to small and micro enterprise, handed out summarized reports about feedback information of more than 200 small and micro enterprises in three days

LANGUAGES

- **English:** IELTS 7.0, GRE 334+5
- **Mandarin Chinese:** Native
- **Japanese:** Conversational

SKILLS

- **Programming Languages:** R, Python, MATLAB, Stata
- **Microsoft Office:** Excel, Word, PowerPoint