

Yuxuan Chen

Email: cyxnbnb@bu.edu · cyxnbnbnb@gmail.com

Phone: +1 8572564713 · +86 13957992893

Address: Apt 12, 5 Walbridge St., Boston, MA

Link: [Github](#)

EDUCATION

Zhejiang University of Technology

Sep. 2020 - Jun. 2024

BS in Mathematics and Applied Mathematics

- **Relevant Courses:** Mathematical Analysis, Advanced Algebra, Analytical Geometry, Ordinary Differential Equations, Probability Theory, Operations Research, Optimization Methods, Time Series Analysis, Complex Variables and Integral Transform, Numerical Computation, Data Analysis with R, Mathematical Modeling, Financial Mathematics.

Columbia University

Jul. 2023 – Aug. 2023

Value Investment Techniques: Advanced Application and Exploration Research of Valuation Models in CFA Certification

- Engaged in research on the application and exploration of value investment techniques and related valuation models. Primarily focused on four US stocks: Microsoft (MSFT), Apple (AAPL), Pfizer (PFE), and Merck (MRK). Analyzed and processed data regarding their Earnings Before Interest and Taxes (EBIT) to Total Revenue, annual return rates, and Earnings Per Share (EPS) from 2019 to 2022.
- Utilized Pearson correlation coefficients to discuss the correlations among the data and employed function fitting to generate graphs, exploring the impact of various indicators on valuation and their application within valuation models.

Boston University

Sep. 2024 - Jun. 2025

Bachelor of Arts: Political Science

- **Relevant Courses:** Business Analytics Foundations, Operations Management, Financial Concepts, Quantitative and Qualitative Decision Making, Enterprise Risk Analytics, Marketing Analytics, Web Analytics for Business, Data Mining for Business Analytics, Investment Analysis and Portfolio Management, Quantitative Methods for Finance.

EXPERIENCE

Hangzhou Qianhe Mingde Equity Investment Co., Ltd.

Aug. 2021 - Sep. 2021

Investment Assistant

- Collected, researched, and organized information on 206 companies listed on NASDAQ and NYSE through IPOs from 2015 to 2021. This information included prospectuses, brokerage firms, IPO opening and closing prices, market capitalization, audit companies, and legal advisors. This data was used as a resource for planning IPOs for other companies and for industry research reports.
- Managed risk control for four futures including China Securities and Continental Futures. Monitored position directions, opening prices, and real-time profits and used trend analysis and chart analysis for risk monitoring. Provided information on futures trading and prepared closing and transaction reports.

State Taxation Bureau Jindong District, Jinhua City

Dec. 2021 - Jan. 2022

Tax Service Officer and Office Assistant

- Organized, coordinated, and guided tax services for various tax types and processes. Assisted taxpayers with tax registration, tax declaration, invoice issuance, verification, certification, and other daily tax-related tasks.
- Handled logistics affairs, document processing, drafting documents, work supervision, and publicity and reporting tasks.
- Used the Golden Tax Phase III system and Zhejiang Province Electronic Taxation Bureau for tax data verification, industry tax information collection, and data analysis.

Zhejiang Jinkong Investment Management Co., Ltd.

Apr. 2024 - Jul. 2024

Finance Department Assistant

- Participated in the financial due diligence and investment decision-making meetings of System Technology (Shenzhen) Co., Ltd.
- Participated in the due diligence report of Jiaying Wuyuefeng-Dingfeng Shangshaoyuan Fund.
- Participated in the due diligence and issuance of investment proposals for Ivy Capital's Zhejiang Science and Innovation Master Fund.
- Participated in the due diligence investigation of Leaguer Fund's Zhejiang Science and Innovation Master Fund and issued an investment proposal for Zhejiang Science and Innovation Master Fund's participation in Guangxi Leaguer Zhongheng Pharmaceutical Investment Partnership (Limited Partnership).
- Participated in financial due diligence appointments for the Orient Renaissance Capital.

- Participated in financial due diligence interviews with Getech Communications (Zhejiang) Co.
- Assisted in building business valuation models based on DCF (Discounted Cash Flow).

Echelon Insights

Research Analyst

April 2020-Nov 2021

Alexandria, VA

- Led in modeling projects **predicting election turnout for entire U.S. in 2022**, phone response rates, etc.
- Wrangled, cleaned, weighted, or made presentations for 60+ survey datasets with R, SQL, and AWS
- Using R Shiny, built a codeless-crosstab tool for company's research team

Center for Elections and Democracy

Research Fellow

Dec 2018-April 2020

Provo, UT

- Designed and executed multiple survey experiments in original research projects
- Mentored 60+ students in solving econometrics problems in weekly office hours
- Visualized data using R creating 50+ informative figures for AFS official report [\[here\]](#), news outlets, and professor's projects

SELECTED PROJECTS

Bayesian County-Level School Shooting Analysis

August 2022

- Compared and estimated several Bayesian Regression models with PYMC3 in Python. Ultimately, used **hierarchal negative binomial model** to predict shootings and make inferences about gun laws

Political Message Detection and Likeability in Films

April 2020

- recieved award from Political Science department to fund a panel survey (n=1000).
- estimated linear regression and multinomial logit in observational study context and wrote paper [\[here\]](#) on findings.

SKILLS

Languages and Tools - *proficient*: Python, R, Bash *intermediate*: Spark, SQL, Tensorflow/Keras, Git, Docker

Selected Coursework - Deep Learning, Bayesian Machine Learning, Big Data Systems with Spark, Linear Models for Data Science, Statistical Learning, Data Engineering, Linear Algebra, Econometrics I & II, Data Visualization, Programming in Python