

# Cheng Ximen<sup>☞</sup>, CFA<sup>☞</sup>, FRM<sup>☞</sup>

☞ means clickable

Originally coming from the finance world, with a passion in technology and problem solving, highly motivated self learner, I'm currently looking for opportunity where I can combine my analytical insight with my passion for programming to work on cool projects and make an impact. Over 8 years experience as financial/data analyst, with focus on quantitative analysis and modeling. Master degree from Boston University. Certified CFA and FRM. IBM Data Science Professional Certificate Holder. Feel free to check out my website at <https://ximen99.github.io/> for more information.

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📄 <https://ximen99.github.io/>

## 🔗 SKILLS

- **Programing Language:** Python, R, Javascript, SQL, HTML, CSS, VBA, DAX, Power Query
- **Data Science Stack:** Numpy, Pandas, Scikit-Learn, Tensorflow, Keras, Prophet, Statsmodels, Scipy, Pomegranate, XGboost, Optuna.
- **Data Visualization Stack:** Matplotlib, Seaborn, Plotly, Dash, Powerbi.
- **Web Development Stack:** React, Express, TailwindCSS, Nodejs, Threejs, Three React Fiber, React-Spring.

## 🎓 EDUCATION

### MS in Administrative Study, Concentration in Financial Economics

Boston University ☞

*September 2011 – January 2013*

*MA, USA*

- GPA: 3.6 on 4.0 scales.

### BA in Economics, Major in Finance

Jilin University ☞

*September 2007 – July 2011*

*Jilin, China*

- GPA: 3.0 on 4.0 scales.

### Certificate

- CFA charter holder since 2017 ☞
- FRM charter holder since 2015 ☞
- IBM Data Science Professional Certificate ☞

## 🧳 WORK EXPERIENCE

### Financial Analyst

## Accelerate360

March 2021 – Now

Vancouver, Canada

- Mainly responsible for data management and providing analytical support for all merchandising related business of the company, covering over 30k stores across USA.
- Designed and maintained system to create weekly merchandising report with process including pulling and combining data from various SQL database, creating KPI metrics to measure merchandising efficiency, using python script to automate key metrics calculation on store level across multiple time period, using VBA to automate excel deliverable various version formatting.
- Designed and maintained invoice review system to expose vendor invoicing fallacy by creating algorithms to identify egregious clocking and hours reported. Successfully reducing merchandising cost by 15% through the process by providing the vendor better visibility in pinpointing issues at merchandiser and store level.
- Creating merchandising budgeting model and cost model; Monitor run-rate against budget and conduct variance analysis; Conduct sales analysis to investigate the impact of merchandising efficiency in sales performance; Conduct A/B testing in identifying effect of new operating schedule in store performance.
- Provide timely support in ad hoc data analysis requests regarding merchandising or sales on store level, publisher level or project level detail.

## Registered Dealing Representative

### Gentai Asset Management Corporation

July 2020 – Jan 2021

Vancouver, Canada

- Gentai Asset Management Corporation (GAMC) is a registered exempt market dealer that solely distribute preferred shares of Genesis Mortgage Investment Corporation (GMIC). As the registered dealing representative at GAMC, I'm mainly responsible for providing prompt and quality client services to high net worth investors, initiate sales activities, and facilitate investment transactions.
- Develop and maintain trusting relationships with over 150 clients; Answered client enquires and assisted in requests about investment accounts; initiate regular sales/follow up calls to gain update and discover needs. Host seminars and present company performance updates.
- Plan, organize and host marketing events; Engage in prospecting events and calls; Strive for continuous market expansion and business development; Successfully obtained \$5 millions new investment in 6 months.
- Facilitate investment transactions and ensure transaction is completed in accordance with compliance policy; conduct KYC interview and ensure investment suitability.

## Quantitative Research Analyst

### Renhe Quantitative Investment Fund

July 2018 – November 2019

Beijing, China

- Renhe Quantitative Investment Fund is a hedge fund, that invest in mainland China stock market through quantitative investment strategy. As the main research analyst, I'm mainly responsible for devising main investment framework, conducting research and developing key alpha strategies in the area of market timing and stock selection in python, constructing and managing portfolio to ensure overall fund risk exposure and position weights follows Investment Policy Statement.
- Discovering new factors and evaluating factor effectiveness in mainland China stock market through back-testing and analyzing statistical metrics including information coefficient, information ratio, IC volatility, sharp ratio, return distribution skewness and kurtosis etc. Experimenting with new price and volume-based indicators which have predictive power in different market condition. Incorporating machine learning models in researching factor relationships and detecting alpha. Writing SQL queries to extract financial data

from vendors and devising market monitoring dashboard that includes metrics in valuation, capital flow, activities of market participants, market sentiment etc.

- Conducted road shows for fund raising and successfully secured investment commitment of 5 million RMB.

## Senior Investment Associate

### China Three Gorges Capital Fund [↗](#)

*September 2015 – July 2018*

*Beijing, China*

- As a member of the founding team, participated in the establishment of the Three Gorges Clean Energy Fund with total AUM of 10 bn RMB; responsible for drafting fund prospectus, conducting road show and successfully raised 5bn RMB.
- Participated in setting investment strategy through top-down economic and industry research, and established partnering relationship with several industry pioneering companies such as Narada Power Source, Sungrow, Zhaoheng Holdings etc. Responsible for the establishment and investment duties for 5 sub-funds in industries including distributed PV, energy storage, small hydropower and CCHP.
- Led private placement projects with cumulative investment over 200mn RMB; duties including company DD, industry research, financial modeling and valuation calculation and negotiate term sheet etc.

## Equity Research Analyst (Supporting Morgan Stanley China Basic Material Team)

### Evalueserve [↗](#)

*April 2014 – July 2015*

*Shanghai, China*

- Responsible for conducting industry research on steel, non-ferrous, gold, cement. Participated in Ji En Nickel, Huaxin Cement initiation reports; gold, cement industry rate changing report; published company earnings quick comment and weekly, monthly report.
- Monitor industry trend by analyzing industry metrics including pricing, inventory, operation rate, capacity, output and compile news which have impact on the metals & mining industries. Responsible for creating and maintaining industry databases, company models in excel and using python and VBA macro to automate maintenance and periodical reporting process.
- Handling ad-hoc data and research requests from buy-side clients. Follow up company earnings results, analyst briefing meeting and regular company visits.

## Fund Analyst

### Mongoose Income Fund, LLC

*January 2013 – December 2013*

*New York, USA*

- Asset pool analysis using R; Developed Logistic Regression Model to calculate statistical significance of different factors against default rate; update on default forecast model.
- Contract Purchasing; set required IRR for the Automotive Retail Installment Contract based on obligor credit history, financial status, vehicle condition, and calculate check to dealer based on APR, finance amount, loan term.
- Monthly Closing; create fund water fall charts, calculate investor distribution amount and balance, intercompany invoicing between funds, create newsletter using mail merge on Salesforce, update monthly data on website using Dreamweaver.
- Investor Relationship Management; prepare marketing material for fundraising, attend meeting and phone calls, and explain characteristic and attributes of the fund.
- Fund managing duties; Journal entry on Quickbook, loan database maintenance using SQL, end of month bank reconciliation, pay tax and monthly bills

## Language

- GRE 322
- IELTS Listening 8.5, Reading 9.0, Writing 7.5, Speaking 7.0
- Fluent and proficient communication in both spoken and written English/Chinese/Korean