CHUN ZHOU

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EDUCATION

Boston University **Boston, MA**
MSc in Business Analytics (STEM), Questrom School of Business July 2021 – May 2022 (Expected)
- **Coursework:** Supervised and Unsupervised Machine Learning, Business Analytics Toolbox, Business Communication

University of Toronto **Toronto, ON**
BSc in Applied Mathematics in Economics and Finance Specialist, Statistics Minor Sep 2016 – Jun 2021
- **Coursework:** Mathematical Finance, Statistics in Machine Learning and Deep Learning, Stochastic Process, Time Series, Ordinary and Partial Differential Equations, Real Analysis, Non-linear Optimization, Financial Economics

WORK EXPERIENCE

Govtor Capital – Top 3 government fund in China with a focus on investment in TMT and medicine **Nanjing, China**
Data Analyst Intern May 2020 – Aug 2020
- Created and maintained a database in Python to connect hospitals, pharmacies, medical companies and investors by… (some methods) and invited investors and startups to roadshows
- Conducted due diligence on pre-IPO gazelle companies through analyzing business models, financial standings and product values; ensured compliance with government regulations and mitigated fraud risks

Universal Portfolio – Fintech company that focused on machine learning and blockchain **Toronto, Canada**
Part-time Quantitative Analyst Intern May 2019 – Jan 2020
- Developed machine learning based quantitative analysis to achieve 3% higher performance in prediction accuracy and controlled risk of fund investment; performed risk and stress testing and alternative data mining
- Constructed portfolio recommendation toolbox; visualized data of single and multiple funds for comparison
- Applied data scrapping of online private equity dataset; developed API connection and data access module in Python

Lianchu Securities – A Top 10 largest security company in China with AUM over $1 billion USD **Shanghai, China**
Investment Banking Division Summer Analyst May 2018 – Aug 2018
- Engaged in preparation of management presentations by identifying and highlighting core competitive moats for an IPO transaction
- Participated in writing and organizing answers to address questions from investors by analyzing internal data pack
- Constructed financial models for a dominating postpartum care company through analyzing its operating data, breaking down revenues and expenses by identifying key drivers and projecting future growth

RESEARCH EXPERIENCE

Department of Economics, University of Toronto Sep 2018 – Mar 2019
Research Assistant for Auction Studies
- Cleaned fuzzy Los Angeles construction auction data over 10 years using R
- Consolidated 5 databases of construction characteristics

EXTRA-CURRICULAR ACTIVITIES

ETC Investment Group - An investment strategy research club at University of Toronto Mar 2019 – Dec 2021
Academics Director
- Initiated strategy research projects like Algorithm Implementation of SOTA Online Portfolio Selection
- Initiated and lead student researchers to work on various quantitative strategies, reviewed 40+ papers and implemented models and strategies, invited guest speakers from financial industry and published research outcomes biweekly on public platforms

RELATED PROJECTS

Bitcoin Price and Movement Direction Prediction Aug 2021 – Sep 2021
- Performed exploratory data analysis of bitcoin price time series from 2012 to 2021 using ARIMA, RNN and LSTM
- Predicted bitcoin price movement direction using logistics regression

Credit Card Customer Churn Analysis Aug 2021 – Sep 2021
- Performed churn rate analysis with 23 attributes to find the relationship between churning with customer attributes, customer activities, credit card attributes and bank services which helped the bank reduce the cost of customer retention by 16%

SKILLS & INTERESTS

Technical Skills: Python, R, Google Cloud Platform, Tableau, Bloomberg, Capital IQ, VBA, Latex
Language: Mandarin (Native), English (Native)
Interests: Buddhism and meditation, keeping a cat and dog, classical guitar