TIAN ZHANG

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EDUCATION

COLUMBIA BUSINESS SCHOOL   New York, NY
MBA, Technology, May 2020   GMAT: 740   May 2020
Leadership: VP of West Coast Trek, Technology Business Group, organizing 10+ company visits for 60+ students
Research Assistant of Prof. Anton Lines & Prof. Simona Abis in CBS
  Conducted research on strategy and risk paragraphs in 800+ mutual fund prospectuses by Natural Language Processing
  Analyzed funds investment behaviors by clustering algos; designed interactive 2D/3D plots to visualized data

COLUMBIA UNIVERSITY   New York, NY
MSc., Financial Engineering   GPA: 4.00/4.00   Dec 2018
Coursework: Machine Learning, Data Analysis, Optimization, Monte Carlo Simulation, Analysis of Algorithms

THE CHINESE UNIVERSITY OF HONG KONG   Hong Kong, HK
BSc., Quantitative Finance   GPA: 3.78/4.00   May 2013
Gap Year HSBC Futures IT Trainee (2012): Tailored futures T0 brokerage reports in Java/SQL
Honors: Graduated with First Honor (top 5%); Dean's List; *Bankee Kwan* Scholarship ($42,000)

EXPERIENCE

ATIKA CAPITAL, *Equity Long/Short Hedge Fund (AUM: 500M)*   New York, NY
Investment Analyst   Summer, Fall 2019
- Unearthed the total available market, potential revenue trajectory, competition landscape through 20+ interviews with cross-sectors industry experts and meetings with company executives
- Generated an investment idea for GO with DCF model, received buy-in from analysts and portfolio manager, and realized 18%+ 2 months return
- Covered 10+ consumer and technology small and mid-cap growing stocks including GO, BYND, WE, EHTH, INSP

THE GIFT, *A Platform for Artists with Autism and Special Needs*   New York, NY
Co-founder, a startup under the Eugene Lang Entrepreneurship Center at CBS   Summer 2019
- Designed an architecture of website integrating with a database and worked with an engineer to implement in AWS
- Developed a business model by identifying potential markets of corporate social responsibility fund, licensing artworks with three NGOs, and implementing production cycles with one gallery and two stationary factories
- Conducted extensive survey for 130+ potential customers to optimize the customer satisfaction by improving designs of valued-added derivative products originated from artworks by autistic artists

BLOOMTREE PARTNERS, *Equity Long/Short Hedge Fund, Seed Fund of Tiger Management*   New York, NY
Summer Quantitative Analyst   Summer 2018
- Built toolkits to analyze macroeconomics factors by minimum spanning tree and K-Means clustering in Python
- Revamped stock sentiment signal by extracting and identifying trade-on ratios trends through Bloomberg API; integrated into web portal and back-tested accuracy by forward-alpha to improve 35% accuracy
- Constructed a prediction model by integrating credit card sales and web traffic data, and generated signals by comparison with consensus estimations

HECHUAN AUTOMATION ENGINEERING CO. LTD., *System Design and Wholesaling Company*   Chengdu, China
Financial Manager   2015-2017
- Invested over ¥500,000 ($72,500) liquid asset on money market products and stocks from whitelisted financial services
- Spearheaded evaluation and bidding for three thermal projects generating over ¥8,000,000 ($1,150,000) gross revenue
- Managed partnerships with domestic and foreign vendors and clients across 5+ countries/regions

UBS   Hong Kong, HK
Operation Analyst, Equity Derivative   2013-2015
- Conducted prices, payoffs adjustment and risk metrics (Delta, Gamma) analysis for over 10 equity markets
- Enhanced trade capturing process with 67% increase in efficiency: automated portfolio adjustments for single stock, exchange-traded derivatives, over-the-counter options, warrants, and synthetic futures
- Led non-deliverable forward automation project in a team of 10 members to smooth front-to-back trade flow, justifying 100% increase in trade processing efficiency and accuracy for over 2000 deals/monthly

ADDITIONAL INFORMATION

Programming: Python, C++, Excel VBA, Matlab, MySQL, Java
Languages: Mandarin (Native), Cantonese (Fluent), German (Basic)
Interests: Violin (Chinese Amateur Level 7/10), Swimming, Badminton, Social Voluntary Activities