HITESH BHATIA

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SUMMARY

Full time professional high frequency trader in the Indian Commodity and Currency market, with an in depth understanding and experience analyzing tick by tick data. Intensive experience in strategy and order execution analysis using large data sets in Python, and trading desks with turnover exceeding INR 500 crores per day.

Managing a portfolio of INR 30+ L part time, which is a combination of high frequency delta neutral arbitrage and spread strategies deployed to the cryptocurrency derivatives market, and medium frequency momentum trading using old school technical analysis.

WORK EXPERIENCE

QUANTITATIVE ANALYST
March 2019 - Present

IRAGE CAPITAL   MUMBAI

Scrutinizing high frequency tick by tick data programmatically, and generating analysis and improvements for existing delta-1 strategies.
Traded a large variety of the Indian markets, primarily commodities (MCX) and Currencies (USDINR on NSE and BSE)
Developed Quality-of-life programs that automatically analyze data on a periodic basis, removing the need for manual analysis.
Hands-on experience in Pandas for analysis and other libraries for data manipulation and transportation for automatic trade and data analysis.

DESIGNATED PARTNER
Nov' 2018 - March 2019

POINT FIVE CAPITAL   NEW DELHI

Handled existing and onboarding new clients, raising INR 5M of funding
Developed manual profitable futures and options strategies
Automated existing strategies, deployed to the Crypto market
Closed due to regulatory issues
(still manging personal wealth on these strategies)

CYBER SECURITY ANALYST
June 2018 - Oct' 2018

ERNST & YOUNG LLP   AEROCITY

Designed, wrote and deployed a Python based script called Auto-sqlmap
Deployed to NIC-SOC, the center point of all government internet traffic in New Delhi
Designed and wrote a Thought Leadership around the Cryptocurrency space

EDUCATION

B. TECH - IT - 71%
Aug' 2014 - Aug' 2018

NORTHERN INDIA ENGINEERING COLLEGE

GGSIP University, New Delhi

CLASS 12TH BOARDS - 84%
March 2013 - March 2014

BAL BHARATI PUBLIC SCHOOL, NEW DELHI

OTHER INTERESTS

LEADERSHIP

Oct' 17 - Managed a team of 40 students and organized as the
Secretary General, **Quintessence Model UN**, which is the largest free of cost Model UN conference held in India at Talkatora Indoor Stadium, in addition to eight other debates organized under Quintessence, the debating society of NIEC.

AWARDS

Over 50 awards and certificates in various capacities - adjudication, excellence in debate, organisation and participation with accolades for verbal communication, technical writing, teamwork and overall diplomacy

HOBBIES

Military flight simulation and army simulation gaming, foosball,
Graphic Designing (part time graphic designer for six years, with a large return on zero investment)
Organized and hosted several Darknet and Cryptocurrency related seminars in the null community

PERSONAL PROJECTS

CROSS EXCHANGE HFT ARB   WIP

Statistical leveraged arbitrage between two cryptocurrency derivatives exchanges
Using Python (Redis, ccxt, websockets)
Deployed to a Linux remote server
0.5ms tick latency, 0.8ms order execution time
Seperate modules for data collection, risk controls, and quote based order sizing and strategy logic
Orderbook resolution using orderbook deltas
ROI - 3-4% per month, ROI to date - 53%

CALENDAR SPREAD HFT   COMPLETED

High frequency calendar spread trading capturing backwardation and 3σ contango. Predefined high/low threshold values with bollinger-band based extremity capture.
Similar network parameters and modules as above
ROI - 11-15% per month, ROI to date 114%

TRADING SIGNALS   COMPLETED

A comprehensive, three module indicator designed for manual medium frequency retail trading, hovering between 58% to 91% profitability per month depending on
volatility.
Developed as a Project in my Final Year, offered as a lifetime subscription based service.
-Per unit cost - Approximately 60 USD
-Number of sales - 250+
-Net profit - USD 15,000+
https://www.tradingview.com/script/MvqP3z3k-OneX-HiteshB-Scalping-Indicator-1-0/

TECHNOLOGIES USED

PYTHON

One year of experience, intermediate level competency.
Libraries used- Pandas, Matplotlib, ta-lib, ccxt, redis, numpy

PINESCRIPT   tradingview platform

Time series analysis, signals, alerts and indicators

ADOBE PHOTOSHOP

Six years of practical designing, with hundreds of logos and posters design for freelance sales

LINUX

Operational understanding of linux file systems, commands and basic awk scripting (aided with command-line python)

LINKS

TradingView : https://www.tradingview.com/u/hiteshbhatia3559/#published-charts

GitHub : https://github.com/hiteshbhatia3559

Link to the design of this Resume - https://github.com/hiteshbhatia3559/Resume