



Darren Chu, CFA
Founder
[Tradable Patterns](#)



Join the world's largest asset manager and 2 of the world's 5 largest (and 5 of the 10 largest) hedge funds by AUM as daily readers of [Tradable Patterns](#)' technical analysis. As seen on Bloomberg, Refinitiv, Factset, Interactive Brokers, readers include global top 10 investment banks. If you represent an institutional investor or potential distribution partner, write to info@tradablepatterns.com to request Bloomberg, Refinitiv and Factset readership reports.

TODAY'S TOP 3 TRADES

Aug 24, 2022

METALS/ENERGY (NATURAL GAS, GOLD) + TODAY'S TOP TRADE (VIX)

NATURAL GAS (NG)

Natural Gas (NG) reversed more than 5% lower yesterday after getting rejected at the psychologically key 10 whole figure level. NG is suddenly forming a weekly Gravestone after just having reached a fresh 2022 peak yesterday, and is vulnerable to more healthy profit-taking ahead of and following Thursday's widely anticipated weekly storage. A slide below upchannel support (on the 4hr chart) would dramatically increase the likelihood of a break in the few days after of uptrend/ascending wedge support (on the daily and weekly chart) connecting the July and August lows. Watch as usual for any signs of escalation in the Ukraine-Russia conflict. Congratulations to Premium Members who benefited from the opportunities highlighted [Jan 19, 2022](#), [Jan 27, 2021](#) and [April 14, 2021](#). The still upsloping weekly MACD is weighed on by the tiring weekly Stochastics. I am looking to enter long in the green zone (of the daily chart), targeting the red zone for Monday. The amber/yellow zone is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I sometimes set my stops tighter). [Click here for analysis on GOLD, VIX](#)

Weekly/Daily/4hr



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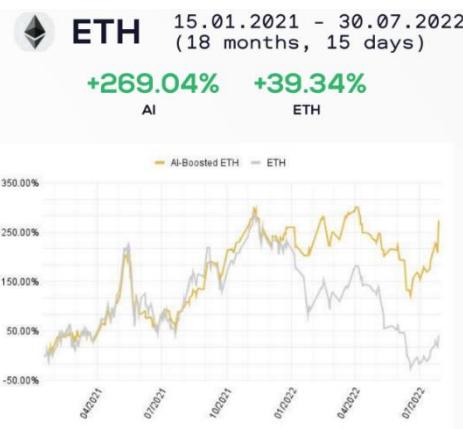
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InteractiveBrokers

Write to info@tradablepatterns.com to learn about how Institutional/Accredited Investors can gain exposure to a Singapore (MAS)-regulated Multi-Strategy fund that provides access to:

- 1) Neural network AI-based crypto exposure
- 2) Deeply discounted listed tokens
- 3) High growth Seed to Series B stage equity and convertible debt opportunities within tech (mostly blockchain/crypto-related)
- 4) Difficult to access Seed stage token rounds for blockchain/crypto startups w/ strong management teams and product-market fit



20+ months

Track Record Since Nov 2020

120+

Customers Worldwide

\$311.5M

Aggregated Trading Volume





ETH:BUSD
Mar 24 – Jul 23, 2021

[Read details](#)

ROI

Duration
122 Days

Trades Made
227

Market Returns:
+17.55%

AI Returns:
+72.84%

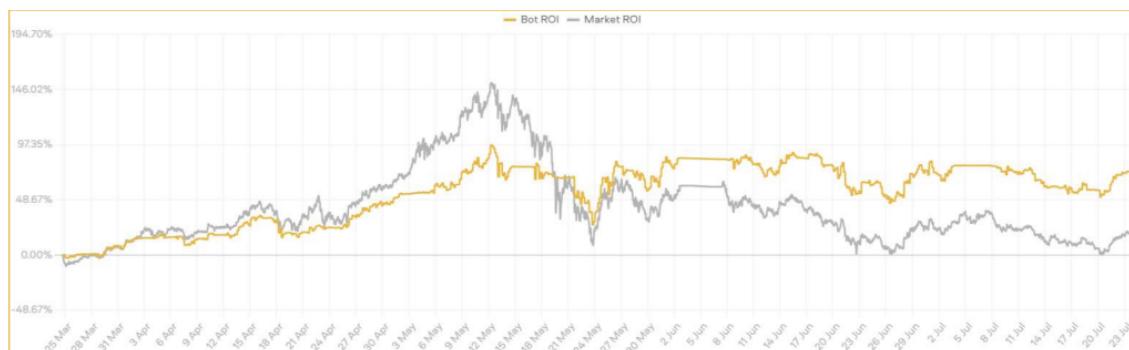
Difference:
+55.29%

Excess returns / month:
+13.54%

Drawdown

Market Drawdown:
-58.34%

AI Drawdown:
-35.72%



ROI

Duration
>172 Days

Trades Made
154

Market Returns:
-64.51%

AI Returns:
+12.29%

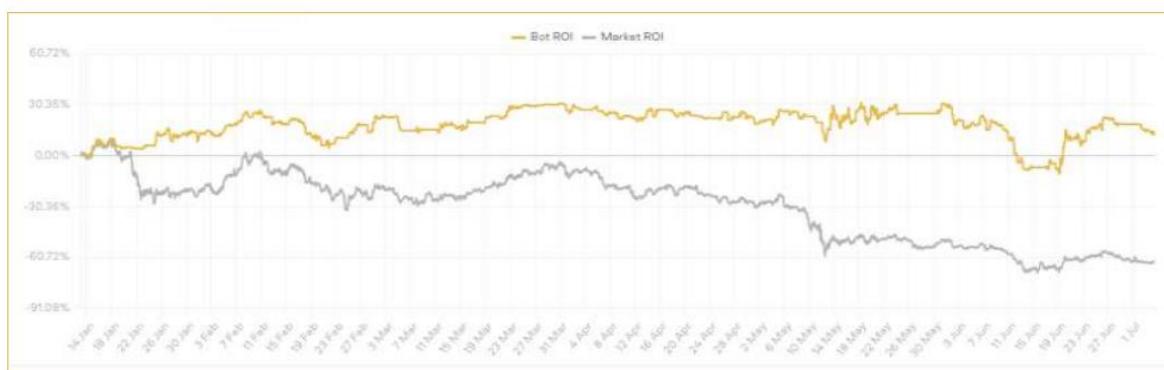
Difference:
+76.80%

Excess returns / month:
+13.35%

Drawdown

Market Drawdown:
-70.15%

AI Drawdown:
-29.92%



AI Performance: More Examples



XMR:USDT
Feb 22 – Jun 20, 2021

[Read details](#)

Duration
123 Days

Trades Made
143

Market Returns:
+14.06%

Strategy Returns:
+173.07%

Difference:
+159.01%



ETH:BUSD
Mar 24 – Jul 23, 2021

[Read details](#)

Duration
122 Days

Trades Made
227

Market Returns:
+17.55%

Strategy Returns:
+72.84%

Difference:
+55.29%



TRX:USDT
Jan 10, 2022 – ...

[Read details](#)

Duration
>160 Days

Trades Made
94

Market Returns:
-13.08%

Strategy Returns:
+29.31%

Difference:
+42.39%





LTC:USDT
Jan 28, 2022 - ...

Duration
>146 Days

Trades Made
119

Market Returns: Strategy Returns:
-50.74% +14.29%

Difference: Excess returns / month:
+65.03% +13.54%



BTC:BUSD
Mar 23 – Jul 21, 2021

Duration
124 Days

Trades Mad
279

Market Returns: Strategy Returns:
-42.55% +28.42%

Difference: Excess returns / month:
+70.97% +17.74%



We use machine learning to create trading signals and generate consistent alpha (market outperformance) since 2020.

Strategies Summary

- 9 active models based on AI/ML
- Trades spot (live since Nov 2020) and futures (in testing, ETA Dec 2022)
- Trades highly liquid markets (BTC, ETH, BNB, etc.)
- Model input: Market data (OHLCV)
- Model output: BUY/SELL/HOLD + % portfolio
- Trade frequency: 4-10 trades per week (8-10x AUM/mo)

Technology Summary

- Developed in-house, proprietary
- Not a rule-based algo
- Cutting edge neural network architectures (LSTM, GRU, Performer (Transformer), GMLP, Filter)
- Self-learning and adaptive (uses reinforcement learning)
- Scalable to other markets
- Difficult to replicate

Looking to launch a fund or a family office under a Singapore (MAS) regulated entity?
Give us a shout at info@tradablepatterns.com.

Price	Quantity	Total BTC
59,003.69	0.0200	9.6537
59,000.60	0.0050	9.6337
59,000.49	0.0002	9.6287
58,999.76	4.0154	9.6285
58,900.00	3.0778	5.6131
58,867.67	1.9545	2.5352
58,849.10	0.0191	0.5806
58,846.99	0.1219	0.5614
58,846.98	0.0750	0.4395
58,836.37	0.0196	0.3645
58,821.74	0.0202	0.3449
58,788.47	0.0408	0.3247
58,769.79	0.0837	0.2839
58,763.99	0.2002	0.2002
Spread	\$33.70	
58,730.29	0.0837	0.0837
58,719.92	0.2002	0.2839
58,697.04	0.0200	0.3039
58,690.69	0.1553	0.4592
58,684.91	0.0219	0.4811
58,684.90	0.0198	0.5009
58,661.34	0.0410	0.5419
58,661.05	0.0002	0.5421
58,660.40	0.0002	0.5424
58,659.56	0.0002	0.5426
58,658.27	0.0025	0.5451
58,657.56	0.0004	0.5455
58,654.49	0.0010	0.5465
58,654.25	0.0100	0.5565

Looking to minimize slippage on larger sized crypto trades through an OTC brokerage? Write to info@tradablepatterns.com



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CRYPTO WEEKLY OUTLOOK

Feb 13, 2022

TOP50's TOP10 (BTCUSD, XTZUSD, XRPUSD, ETHUSD, FTTUSD, CROUSD, SANDUSD, MANAUSD, AVAXUSD, TRXUSD)

BITCOIN (BTCUSD) Daily



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Crypto Weekly Outlook offers technical Analysis for 10 coins from the top 50 in market cap that are most interesting for the coming week from a TA standpoint.

If you represent an institution and are interested in Fundamental analysis on ETHUSD, BTCUSD and on the industry, please write to info@tradablepatterns.com for the institutional edition available each last Sunday of each month.

Sample from report (Nov 28, 2021) right before a deepening in the crypto market correction.



CRYPTO WEEKLY OUTLOOK

ETHEREUM + INDUSTRY FUNDAMENTALS + BITCOIN + RIPPLE

ETHEREUM (ETHUSD)

Nov 28, 2021

Ethereum (ETHUSD) is deepening in its correction, and appears poised to slide further this week. Significantly, ETHUSD is at high risk of exceeding the September pullback in magnitude, following in Bitcoin (BTCUSD)'s footsteps. The current 2 week downturn is testing the psychologically key 4k whole figure level, and appears to be gravitating towards an uptrend support line (on the weekly chart) connecting the July and September lows. Odds are elevated for a test of the 50% Fib retracement of the July to October rally sometime in December. ETHUSD's correlation to BTCUSD (on a weekly chart) is at 0.95, near the upper end of its 5 year range. [Congratulations to readers alerted August 1st of the completion of the major June-July bottom](#), and to those who heeded [the warning May 16th of the major top forming](#). The weekly RSI, Stochastics and MACD are tiring, weighing on the attempting to bottom daily RSI and Stochastics. I am likely going to remain flat this week but would consider going long in the 3000-3300 range, targeting a 3000-4000 range for December.

Weekly (Liquid)



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EQUITIES

Latest trades published for Premium Members Aug 11th.

Past Signals (from Jun '20 launch to Nov '20)

	Equity/ETF	Exchange	Symbol (Click for Details)	Long or Short	Entry Date	Target Entry Range	Entry Price *	Target Take Profit Range (may vary)	Stop Loss	Trade Timeframe	Exit Date	Exit Price **	P&L (%)	Average P&L (%) for Trades to Date
1	□ TSLA	Nasdaq	TSLA	Short	Jun 15	930-950	940	760-800	980	1-3 weeks	Jun 15 (for those still in)	980	-4.3% = (-940 - 980) / 940	* -4.3%
2	□ FB	Nasdaq	FB	Short	Jun 15	230-235	232.5	200-210	245	1-3 weeks	Jun 23 (for those still in)	245	-5.4% = (-232.5 - 245) / 232.5	* -4.8%
3	□ GOOG	Nasdaq	GOOG	Short	Jun 15	1395-1415	1405	1300-1330	1440	1-3 weeks	Jun 16 (for those still in)	1440	-2.4% = (-1405 - 1440) / 1405	* -4.0%
4	□ TSLA	Nasdaq	TSLA	Short	Jun 24	970-1000	960.85	800-900	1020	1-3 weeks	Jun 30 (for those still in)	1020	-6.2% = (-960.85 - 1020) / 960.85	* -4.6%
5	□ FB	Nasdaq	FB	Short	Jun 24	235-240	234.02	210-220	245	1-3 weeks	Jun 29 (for those still in)	220.64	-5.7% = (-234.02 - 220.64) / 234.02	* -3.5%
6	□ SPG	NYSE	SPG	Long	Jun 30	64-67	68.13	75-80	60	2-3 weeks	Jul 9 (for those still in)	60	-11.3% = (60 - 68.13) / 68.13	* -4.1%
7	□ CCL	NYSE	CCL	Long	Jun 30	15-16.5	16.78	19.3-21	14.5	2-3 weeks	Jul 8 (for those still in)	14.5	-5.4% = (-14.5 - 16.78) / 16.78	* -5.4%
8	□ JETS	NYSE	JETS	Long	Jun 30	16-16.8	16.83	18.3-19.2	15.5	2-3 weeks	Jul 10 (for those still in)	15.5	-7.9% = (15.5 - 16.83) / 16.83	* -5.7%
9	□ MAR	NYSE	MAR	Long	Jun 30	80-86	86.6	91-93 (updated Jul 16)	91 (updated Jul 16)	2-3 weeks	Jul 16	91	5.1% = (91 - 86.6) / 86.6	* -4.5%
10	□ NCLH	NYSE	NCLH	Long	Jun 30	15-16.4	15.56	17 (updated Jul 16)	16 (updated Jul 16)	2-3 weeks	Jul 16	16	-3.4% = (16 - 15.56) / 15.56	* -4.4%
11	□ GOOG	Nasdaq	GOOG	Short	Jul 31	1400-1500 (don't go)	1482.96 (closing)	1350-1400	1510	2-3 weeks	Aug 7 (for those still in)	1510	-1.6% = (1482.96 - 1510) / 1482.96	* -4.2%
12	□ AR	NYSE	AR	Long	Jul 31	2.6-2.9 (don't go)	2.96 (closing price)	2.5-4	3.1	1-2 months	Aug 5	3.77	-2.3% = (3.77 - 2.96) / 2.96	* -1.6%
13	□ HTBX	Nasdaq	HTBX	Long	Jul 31, Aug 3-5	1.5-2 (don't go)	2.08	3.5-4.5	3.4	1 (lowered again)	Stopped @ 1.4	1	-51.9% = (1 - 1.4) / 1	* -5.4%
14	□ RIOT	Nasdaq	RIOT	Long	Jul 31	2.2-2.7 (don't go)	2.64 (closing price)	2.5	2.5	2-3 months	Aug 5	4.01	51.9% = (4.01 - 2.5) / 2.5	* -1.3%
15	□ DBA	NYSE	DBA	Long	Jul 31	13.5-14 (don't go)	14.18 (closing)	14.5-15	13	1-2 months	Sep 4	14.75	4.0% = (14.75 - 13) / 13	* -1.0%
16	□ PGG	NYSE	PGG	Long	Aug 13-18	9-9.75	9.62 (closing price)	12-13	8.5	3-4 months	Nov 24	12.82	33.3% = (12.82 - 9) / 9	* -1.2%
17	□ CHA	NYSE	CHA	Long	Aug 13-18	31-33.5	33.55 (closing)	38-42	26	3-4 months	Jan 4	26	-8.4% = (26 - 33.55) / 33.55	* -0.2%
18	□ CHU	NYSE	CHU	Long	Aug 13-18	6.5-7	7.36 (closing price)	8.5-10	5	3-4 months	Jan 8	6.03	-22.1% = (6.03 - 7.36) / 7.36	* -1.4%
19	□ CCL	NYSE	CCL	Long	Aug 13-18	14.5-15.5	15.22 (closing)	20-25	12	2-3 months	Nov 24	20.23	32.9% = (20.23 - 15.22) / 15.22	* 0.4%
20	□ HTBX	Nasdaq	HTBX	Long	Sep 14-16	1-1.2	1.12 (closing price)	1.8-2	8	1-3 months	Dec 11	8	-28.6% = (8 - 1.12) / 1.12	* -1.1%
21	□ WFC	NYSE	WFC	Long	Sep 16-17	25-26	25.71 (closing)	28-30	21	2-3 months	Oct 28	21	-18.3% = (21 - 25.71) / 25.71	* -1.9%
22	□ AR	NYSE	AR	Long	Sep 17-22	2.4-2.9	2.51 (closing price)	3.5-4	2	2-3 months	Oct 10	3.71	-2.3% = (3.71 - 2.51) / 2.51	* -0.6%
23	□ TEVA	NYSE	TEVA	Long	Sep 17-22	8.7-9.2	9.29 (closing price)	10.5-11	6	1-3 months	Jan 7	11.07	19.2% = (11.07 - 9.29) / 9.29	* 0.3%
24	□ SU	NYSE	SU	Long	Oct 8-9	12.5-12.9	12.92 (closing)	15-18	9	1-3 months	Nov 24	17.67	36.8% = (17.67 - 12.92) / 12.92	* 1.8%
25	□ RIOT	Nasdaq	RIOT	Long	Oct 8-9	2.7-3	2.93 (closing price)	3.5-4	2.5	1-3 months	Oct 21	3.98	35.8% = (3.98 - 2.93) / 2.93	* 3.2%
26	□ RDSA	NYSE	RDSA	Long	Oct 8-9	25-26.3	26.44 (closing)	30-35	20	2-3 months	Nov 16	33.2	25.6% = (33.2 - 26.44) / 26.44	* 4.0%
27	□ XOM	NYSE	XOM	Long	Oct 8-9	34-35	35.28 (closing)	40-45	29.5	2-3 months	Nov 24	41.98	16.4% = (41.98 - 35.28) / 35.28	* 4.6%
28	□ AR	NYSE	AR	Long	Nov 11-13	3.8-4	3.79 (closing price)	4.3-4.5	2.5	1-2 months	Nov 24	4.39	15.8% = (4.39 - 3.79) / 3.79	* 5.0%
29	□ NCLH	NYSE	NCLH	Long	Nov 11-13	20-20.5	19.52 (closing)	25-28	12	3-4 months	Dec 4	26.3	34.7% = (26.3 - 19.52) / 19.52	* 6.0%
30	□ SPS	NYSE	SPS	Long	Nov 11-13	74-75	73.41 (closing)	90-95	50	3-4 months	Nov 24	85.79	21.0% = (85.79 - 73.41) / 73.41	* 6.5%
31	□ TNK	NYSE	TNK	Long	Nov 11-13	105-111	11.09 (closing)	14-16	8.5	1-3 months	Feb 16	14.27	28.7% = (14.27 - 11.09) / 11.09	* 7.2%
32	□ WPC	NYSE	WPC	Long	Nov 11-13	235-245	241.9 (closing)	32-34	20	3-4 months	Jan 7	33.43	38.2% = (33.43 - 241.9) / 241.9	* 0.2%

Equities is an Entries/Exits service inspired by technical analysis on a collection of equities.

I look to explore new long/short trade ideas on Equities with Premium Members with a target of 5 multi-week to multi-month swing trades each month. Premium Members also have access to monthly and weekly chart technical analysis for 5 Equity markets each Saturday.



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COFFEE DAILY

Jan 2, 2022

ROBUSTA COFFEE (RC)

Robusta Coffee (RC) edged lower Friday, closing 2021 just below the fresh year high. Significantly, with the new year beginning, odds are high after last year's strong bull market for RC to at least see a healthy correction. RC is bumping up against upchannel resistance (on the weekly chart), with some hesitation late last week as seen by the 2 consecutive daily Dojis. Any test of the psychologically key 2500 whole figure level will likely have to wait until at least February. The weekly and daily RSI, Stochastics and MACD are rallying or consolidating recent gains. I am looking at entering long in the green zone of the daily chart (in the ~2270-2330 range), targeting the red zone (of the daily chart in the ~2400-2450 range) for Friday. The amber/yellow zone (in the ~2190-2240 range) is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I sometimes set my stops tighter).

Weekly/Daily/4hr



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