



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 17, 2022

METALS/ENERGY (NATURAL GAS, WTI CRUDE) + TODAY'S TOP TRADE (COTTON)

NATURAL GAS (NG)

Natural Gas (NG) is beginning to hesitate ahead of Thursday's highly anticipated weekly storage after strongly bouncing off the upchannel support (on the daily chart) this past week. NG appears to want to break to a fresh 2022 high post-storage, with elevated odds for a test of the psychologically key 10 whole figure level by month end. Bulls shouldn't rule out though NG sliding back to upchannel support (on the daily chart) going into next week. 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 weekly and daily RSI, Stochastics and MACD are bottomish, rallying or consolidating recent gains. I am looking to enter long in the green zone (of the daily chart), targeting the red zone for Tuesday. 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).

Weekly/Daily/4hr



Bloomberg

REFINITIV

FACTSET

FINANCIAL TIMES

ALPHAVILLE



InteractiveBrokers

WTI CRUDE (CL)

WTI Crude (CL) is testing upchannel support (on the weekly chart) ahead of today's highly anticipated 830am EST US retail sales, the weekly inventory data at 1030am EST and the FOMC minutes at 2pm EST. CL will have to bounce off the 4hr chart downchannel support and descending wedge support (on the daily chart) to reclaim the 50% Fib retrace of the December to June bull market extension. Watch as usual for any signs of escalation in the Ukraine-Russia conflict. [Congratulations to readers who heeded the August 4, 2021 warning of CL's vulnerability](#), and to [Premium Members who benefited from the bullish triangle breakout highlighted Nov 18, 2020](#). The weekly RSI, Stochastics and MACD are sliding. I am looking at entering long in the green zone (of the daily chart), targeting the red zone for Tuesday. 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).

Weekly/Daily/4hr



COTTON (CT)

Cotton (CT) is hesitating after reclaiming the 61.8% Fib retrace of the May to July slide. While CT is unlikely to retest the psychologically key 1 whole figure level before month end, odds are elevated for a test of the upchannel support (on the 4hr chart) or prior triangle resistance (on the daily chart) during the same period. [Congratulations to readers who benefited from the increasing bullish momentum highlighted Aug 21st](#) and from the [warning on March 19th of a deeper slide](#). The weekly RSI, Stochastics and MACD are bottomish or rallying, but weighed by the tiring daily RSI and Stochastics. I am looking to enter long in the green zone (of the daily chart), targeting the red zone for Tuesday. 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).

Weekly/Daily/4hr

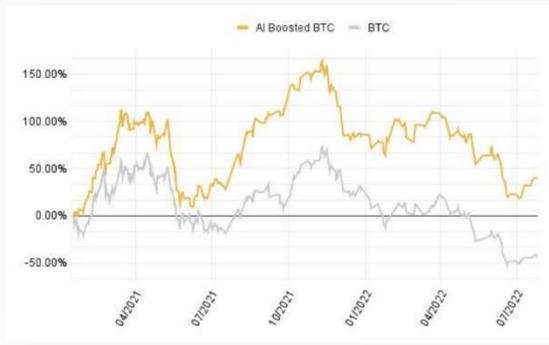


Write to info@tradablepatterns.com to learn about how Institutional/Accredited Investors can gain exposure to a Singapore (MAS)-regulated Multi-Strategy fund that provides access to:

- 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

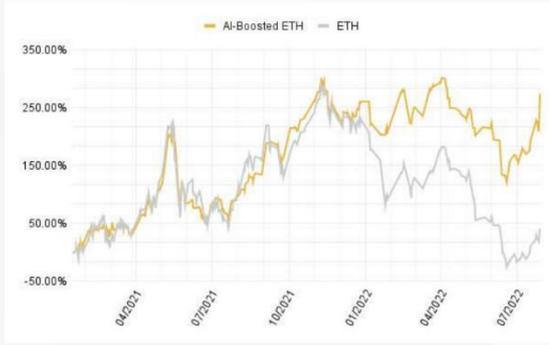
BTC 15.01.2021 - 25.07.2022
(18 months, 10 days)

+38.05% AI
-44.93% BTC



ETH 15.01.2021 - 30.07.2022
(18 months, 15 days)

+269.04% AI
+39.34% ETH



20+ months

Track Record Since
Nov 2020

120+

Customers
Worldwide

\$311.5M

Aggregated Trading
Volume



ROI

Drawdown



ETH:BUSD
Mar 24 - Jul 23, 2021
[Read details](#)

Duration
122 Days

Trades Made
227

Market Returns: **+17.55%**
AI Returns: **+72.84%**

Difference: **+55.29%**
Excess returns / month: **+13.54%**

Market Drawdown: **-58.34%**
AI Drawdown: **-35.72%**





LTC:USDT
Jan 13, 2022 – ...

Duration
>172 Days

Trades Made
154

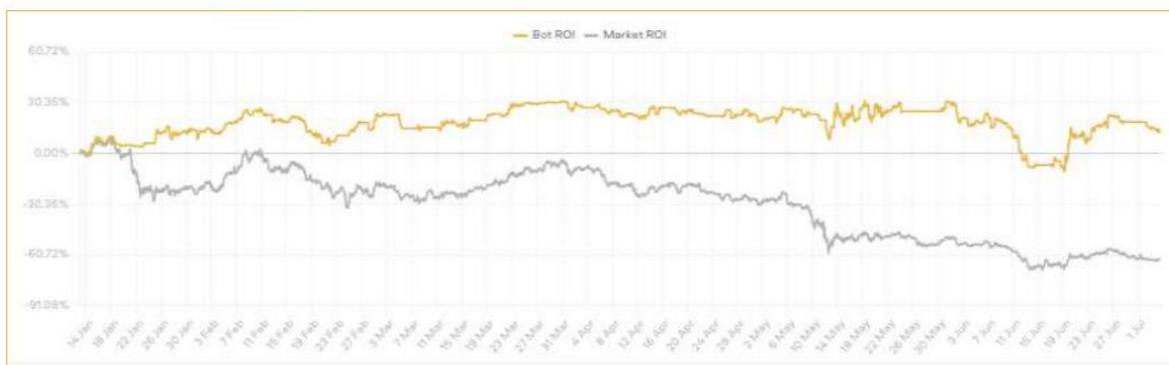
ROI

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

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



BTC:BUSD
Mar 23 – Jul 21, 2021

Duration
124 Days

Trades Made
279

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

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



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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Bloomberg

REFINITIV

FACTSET

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 retrace 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)

ID	Equity/ETF	Exchange	Symbol (Click for Details)	Long or Short	Entry Date	Target Entry Range	Entry Price *	Target Take Profit Range (msy)	Stop Loss	Trade Timeframe	Exit Date	Exit Price **	P&L (%)	Average P&L (%) for Trades to Date
2	TSLA	Nasdaq	TSLA	Short	Jun 15	930-950	940	760-800	980	1-3 weeks	Jun 15 (for those who closed position)	980	-4.3% = (940 - 980) / 940	-4.3%
3	FB	Nasdaq	FB	Short	Jun 15	230-235	232.5	200-210	245	1-3 weeks	Jun 23 (for those who closed position)	245	-5.4% = (232.5 - 245) / 232.5	-4.8%
4	GOOG	Nasdaq	GOOG	Short	Jun 15	1395-1415	1405	1300-1330	1440	1-3 weeks	Jun 16 (for those who closed position)	1440	-2.4% = (1405 - 1440) / 1405	-4.0%
5	TSLA	Nasdaq	TSLA	Short	Jun 24	970-1000	960.85	800-900	1020	1-3 weeks	Jun 30 (for those who closed position)	1020	-4.2% = (960.85 - 1020) / 960.85	-4.6%
6	FB	Nasdaq	FB	Short	Jun 24	235-240	234.02	210-220	245	1-3 weeks	Jun 29	220.64	5.7% = (234.02 - 220.64) / 234.02	-2.5%
7	SPG	NYSE	SPG	Long	Jun 30	64-67	68.13	75-80	60	2-3 weeks	Jul 9 (for those who closed position)	60	-11.9% = (60 - 68.13) / 68.13	-4.1%
8	COL	NYSE	COL	Long	Jun 30	15-16.5	16.78	19.3-21	14.5	2-3 weeks	Jul 8 (for those who closed position)	14.5	-13.6% = (14.5 - 16.78) / 16.78	-5.4%
9	ETS	NYSE	ETS	Long	Jun 30	16-16.8	16.83	18.3-19.2	15.5	2-3 weeks	Jul 10 (for those who closed position)	15.5	-7.9% = (15.5 - 16.83) / 16.83	-5.7%
10	IMAR	NYSE	IMAR	Long	Jun 30	80-86	86.6	91-93 (updated Jul 14)	91 (updated Jul 14)	2-3 weeks	Jul 16	91	5.1% = (91 - 86.6) / 86.6	-4.5%
11	NLCH	NYSE	NLCH	Long	Jun 30	15-16.4	16.56	17 (updated Jul 16)	16 (updated Jul 16)	2-3 weeks	Jul 16	16	-3.4% = (16 - 16.56) / 16.56	-4.4%
12	GOOG	Nasdaq	GOOG	Short	Jul 31	1480-1500 (don't close if this happens)	1482.96 (closing price on Jul 31, 2020)	1350-1400	1510	2-3 weeks	Aug 7 (for those who closed position)	1510	-1.8% = (1482.96 - 1510) / 1482.96	-4.2%
13	AR	NYSE	AR	Long	Jul 31	3.6-3.9 (don't go above 4.0)	3.86 (closing price on Jul 31, 2020)	3.5-4	3.1	1-2 months	Aug 5	3.77	2.4% = (3.77 - 3.86) / 3.86	-1.6%
14	HTBK	Nasdaq	HTBK	Long	Jul 31, Aug 3-5	1.5-2 (don't go above 2.0)	2.08	3.5-4.5	1 (lowered again Jul 29 to 1.5)	2-3 months	Stopped @ 1.4 Jul 29	1	-51.9% = (1 - 2.08) / 2.08	-5.4%
15	RIOT	Nasdaq	RIOT	Long	Jul 31	2-2.7 (don't go above 3.0)	2.64 (closing price on Jul 31, 2020)	3-4	2.5	2-3 months	Aug 5	4.01	51.9% = (4.01 - 2.64) / 2.64	-1.3%
16	DBA	NYSE	DBA	Long	Jul 31	13.5-14 (don't go above 15)	14.18 (closing price on Jul 31, 2020)	14.5-15	13	1-2 months	Sep 4	14.75	4.0% = (14.75 - 14.18) / 14.18	-1.0%
17	PGG	NYSE	PGG	Long	Aug 13-18	9-9.75	9.63 (closing price on Aug 13, 2020)	12-13	8.5	3-4 months	Nov 24	12.82	33.3% = (12.82 - 9.63) / 9.63	1.2%
18	CHA	NYSE	CHA	Long	Aug 13-18	31-33.5	33.53 (closing price on Aug 13, 2020)	38-42	26	3-4 months	Jan 4	26	-22.5% = (26 - 33.53) / 33.53	-0.2%
19	CHU	NYSE	CHU	Long	Aug 13-18	6-7.5	7.36 (closing price on Aug 13, 2020)	8.5-10	5	3-4 months	Jan 8	6.03	-18.1% = (6.03 - 7.36) / 7.36	-1.4%
20	COL	NYSE	COL	Long	Aug 13-18	14.5-15.5	15.22 (closing price on Aug 13, 2020)	20-25	12	2-3 months	Nov 24	20.23	32.9% = (20.23 - 15.22) / 15.22	0.4%
21	HTBK	Nasdaq	HTBK	Long	Sep 14-16	1-1.2	1.12 (closing price on Sep 14, 2020)	1.8-2	8	1-3 months	Dec 11	8	-28.6% = (8 - 1.12) / 1.12	-1.1%
22	WFC	NYSE	WFC	Long	Sep 16-17	25-26	25.71 (closing price on Sep 16, 2020)	28-30	21	2-3 months	Oct 28	21	-18.3% = (21 - 25.71) / 25.71	-1.9%
23	AR	NYSE	AR	Long	Sep 17-22	2.4-2.9	2.81 (closing price on Sep 17, 2020)	3.5-4	2	2-3 months	Oct 10	3.71	27.5% = (3.71 - 2.81) / 2.81	-0.6%
24	TEVA	NYSE	TEVA	Long	Sep 17-22	8.7-9.2	9.29 (closing price on Sep 17, 2020)	10.5-11	6	1-3 months	Jan 7	11.07	19.2% = (11.07 - 9.29) / 9.29	0.3%
25	SU	NYSE	SU	Long	Oct 9	12.5-12.9	12.82 (closing price on Oct 9, 2020)	15-18	9	1-3 months	Nov 24	17.67	36.8% = (17.67 - 12.82) / 12.82	1.8%
26	RIOT	Nasdaq	RIOT	Long	Oct 9	2.7-3	2.93 (closing price on Oct 9, 2020)	3.5-4	2.5	1-3 months	Oct 21	3.98	35.5% = (3.98 - 2.93) / 2.93	3.2%
27	RDSA	NYSE	RDSA	Long	Oct 9	25-26.3	26.64 (closing price on Oct 9, 2020)	30-35	20	2-3 months	Nov 16	33.2	24.6% = (33.2 - 26.64) / 26.64	4.0%
28	XOM	NYSE	XOM	Long	Oct 9	34-35	35.2 (closing price on Oct 9, 2020)	40-45	29.5	2-3 months	Nov 24	41.98	19.1% = (41.98 - 35.2) / 35.2	4.6%
29	AR	NYSE	AR	Long	Nov 11-13	3.8-4	3.79 (closing price on Nov 11, 2020)	4.3-4.5	2.5	1-2 months	Nov 24	4.39	15.8% = (4.39 - 3.79) / 3.79	5.0%
30	NLCH	NYSE	NLCH	Long	Nov 11-13	20-20.5	19.52 (closing price on Nov 11, 2020)	25-28	12	3-4 months	Dec 4	26.3	34.7% = (26.3 - 19.52) / 19.52	6.0%
31	SPG	NYSE	SPG	Long	Nov 11-13	74.75	73.41 (closing price on Nov 11, 2020)	90-95	50	3-4 months	Nov 24	88.79	21.0% = (88.79 - 73.41) / 73.41	6.5%
32	TNK	NYSE	TNK	Long	Nov 11-13	10.5-11	11.09 (closing price on Nov 11, 2020)	14-16	8.5	1-3 months	Feb 16	14.27	28.7% = (14.27 - 11.09) / 11.09	7.2%
33	WFC	NYSE	WFC	Long	Nov 11-13	23.5-24.5	24.19 (closing price on Nov 11, 2020)	32-34	20	3-4 months	Jan 7	33.43	38.2% = (33.43 - 24.19) / 24.19	8.2%

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.



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 Feb 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).

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