Private Markets

ALTERNATIVE INVESTMENTS

CAUTION: The purpose of this presentation is education only

All investments are made at your own risk and not based on this presentation or any suggestions or commentary

Investing in Private Markets

Private Debt (Credit) Private Equity

Buying and Selling Debt and Equities Not Traded on Public Exchanges or Stock Markets

REGULATEDII Securities and Exchange (SEC) Sets Who Can Invest

- Regulates who can invest in Private Placements (Debt and Equity)
- Defines who is a "Accredited" (Qualified) Investor
- Typically: Institutional Investors, Endowments, Pension funds, HNW Individuals, Insurance companies

REGULATED!!

Who can Invest? Accredited Investors Reg D, 501 (a) and 144A

SEC Criteria for Investing in Private Placement (Debt or Equity) Offerings:

 Have earned income exceeding \$200,000, or \$300,000 (for couple), during each of the previous two full calendar years, and a reasonable expectation of the same for the current year.

OR

- Have a net worth greater than \$1 million (either by yourself or combined with a spouse), excluding your primary residence.

REGULATED!!

SEC Amends "Accredited" Investor Aug 2020 (Reg D, Rule 501 (a), Rule 215 & Rule 144 (A))

- Qualify as accredited investors based on certain professional certifications or credentials;
- "Knowledgeable Employees" of a fund;
- Limited Liability companies w/ \$5 million in assets;
- "Family Offices" w/ min \$5 million in assets under management;
- Add the term "Spousal Equivalent" so that spousal equivalents may pool their finances for the purpose of qualifying as accredited investors;
- Institutional Investor & Rural Business Investment Co (RBIC) w/\$100M threshold met

PRIVATE DEBT Examples & Incentives Illiquid

- Use Case Examples:
 - Real estate development,
 - New Product Development,
 - MVP Development,
 - Bridge Loans,
 - Mortgages
- Incentive to invest:
 - Interest, Potential to Convert to Equity
- <u>At Liquidation</u>
 - Debt Holders First in Line
- Visibility: Balance Sheet Liability

PRIVATE DEBT Ways to Invest Illiquid

- Private Debt Investment Platforms:
 - Yieldstreet (NA, A), Fundrise (NA)(RE), Crowdstreet (A)(RE)
- Peer-to-Peer (P2P) Lending:
 - Upstart (A, NA-UPST), Lending Club (NA-LC), Prosper (NA)
- <u>CrowdLending:</u>
 - Patch of Land (A)(RE), Percent (A)
- Private Debt Funds:
 - Bain Capital Global Special Situations 2022 (A)
 - Blackstone Green Private Credit III (A)
 - OakTree Lending Partner (A)(\$500M loans)



Market Research Stocks Research ETF Research Mutual Funds Research Options Research Bonds & Fixed Income Research

Stock Research

D Print

Stock Quotes & Research Tools

Get a Stock Quote	Explore Our Research Tools	View Our Research Providers	Search for Stocks, ETFs or Mutual Funds
View our stock quotes and sample our research offering.	Try our powerful stock tools to help compare investments and get ideas.	Find out about our industry leading research providers.	Q by symbol or name Search
11	A del contente		Recent research: Upstart Holdings Inc

Upstart Holdings Inc UPST:NASDAQ

Summary News Charts	Ratings Earnings Financials Peer	s Reports Options & F	Preferreds	
Company Performance				
Quote Details Sector Overvi	iew 🔒 Total Return Historical Quote	Key Fundamentals 🔒 🕴 Cor	npany Profile 🔒	
1 Day 5 Days 1 Month	3 Month 6 Month YTD 1 Year 3 Years	5 Years	Details	
Upstart Holdings Inc	1 Year Price Cha		Today's Open	\$33.
as of 02/12/2024	+16.61 (101.84%	C. Contractor	Previous Close	\$35.
	1	75.00	Day's Range	\$32.47 - \$34
	M	50.00	52 Week range	\$11.93 - \$72
and the second s	~ home	25.00	Beta	
m			Avg. Volume (10 Day)	7,927,8
Volume (Millions)		40	Put/Call Ratio (1 Day)	
Feb Mar Apr May Ju	un Jul Aug Sep Oct Nov	Dec Jan 2024	Put/Call Ratio (30 Day)	
Dividends			Shares	
			Market Capitalization (Small Cap)	\$2.
	UPST does not currently pay a dividend.		Shares Outstanding	85.0
			Shares Held By Institutions	41

o.com/research/stocks/tools/screener

Form 8-K Upstart Holdings, Inc. For: Feb 13

· Form 144 Upstart Holdings, Inc. Filed by: Datta Sanjay



Latest Deal Amount Investors **\$75M**

Year Founded

2005 🔊

Description

Prosper Marketplace General Information

Status

Private

This is a profile preview from the PitchBook Platform.

Request a free trial

OverviewTimelineValuation & FundingCap TableComparisonsCompetitorsResearch & AnalysisPatentsTeamBoard MembersService ProvidersSignalsInvestorsLead Partners on Deals

Developer of an online lending platform designed to connect people with individuals and institutions

that want to invest in consumer credit. The company's platform provides lists of loan requests with low, fixed-rate loans and no hidden fees or prepayment penalties, enabling clients to easily gain access to affordable personal loans and investors to earn returns via a data-driven underwriting model.

Employees

495 😩

Contact Information

Website

Ownership Status Privately Held (backing)

Financing Status Venture Capital-Backed

0

0

Primary Industry Consumer Finance

Other Industries Financial Software

Corporate Office

Latest Deal Type

Debt

221 Main Street Suite 300 San Francisco, CA 94105 United States Hi there! Can I help you with your research?



Yieldstreet

Education 🖌 About 🖌

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9.7% net annualized return since 2015 Build a diversified Yieldstreet 6.5% private market portfolio annualized return since 2015 Structured Notes III Private Credit Help grow and protect your wealth by adding assets like real estate, private credit, and private equity to your portfolio. Real Estate 🖸 Art Traditional ▲ Transportation O Legal Finance Portfolio Get started Watch overview Stocks and bonds About the chart (?)



invested on platform since inception⁹





Broadest selection of alternative asset classes



Highly-vetted investments from institutional managers

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PRIVATE EQUITY

<u>Capital Investments</u> (Money for Shares) invested in companies not yet publicly traded. Debt-free company financing

Use Case Examples:

- Startup funding (Venture Capital & Angels)
- Growth Capital
- Large Acquisition funding (Bain, KKR)

Ways Accredited and Non-Accredited Investors Participate

Funds of Funds (FoF)

Private Equity Fund of Funds invest in other Private Equity funds. Examples:

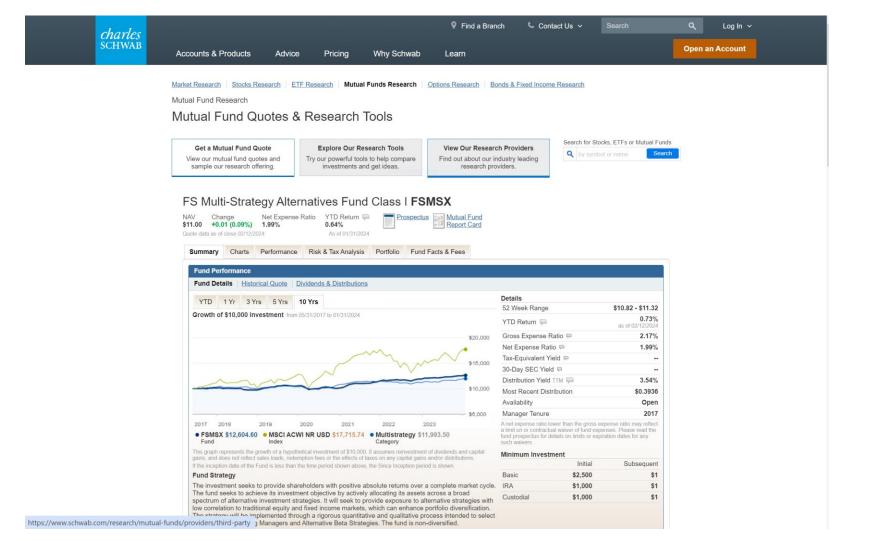
> HarbourVest (HPVE.L) (NA), Institutional Investor

FS Multi Strategy Alternative Fund *I*, (FSMSX) (**NA**)

Alpinvest (Fund of Carlyle Group)
(A)

Zell Capital's VC Access Capital (NA) \$1,000 min

Horsley Bridge Partners (A)



Source: PitchBook

+

25 https://pitchbook.com/newsletter/zell-capital-launches-new-fund-class-offers-access-to-non-accredited-investors

Zell Capital launches new fund class, offers access to nonaccredited investors

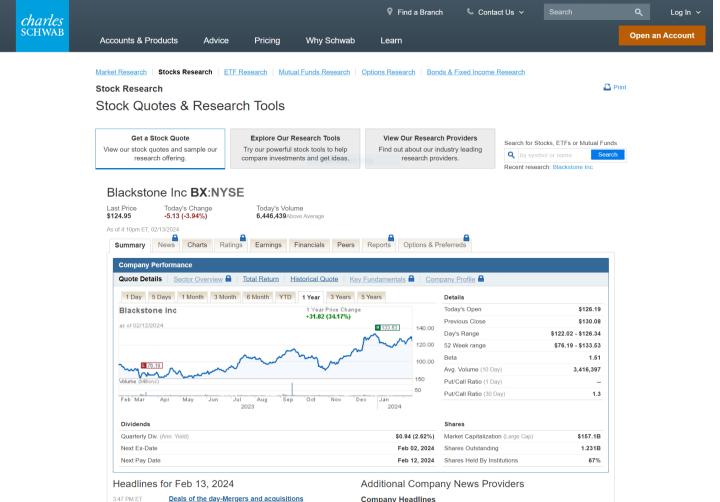
July 9, 2021

Zell Capital, a Columbus, Ohio-based investment company, has joined forces with US Share: Bank Global Fund Services to launch a class of funds that make venture capital in available to all investors. Traditionally, investing in VC has only been an option for institutions and wealthy accredited investors. By registering under the 1940 f Investment Company Act, Zell created a new class of funds called Access Funds. The company will invest between \$250,000 and \$2 million in startups at the seed and Series A stages.

View details

Ways Non-Accredited Investor Participate

Publicly Traded Private Equity Firms Examples:FUMBlackstone (BX)\$1.0 trillionApollo Group (APO)\$598 billionKKR (KKR)\$510 billionThe Carlyle Group (CG)\$381 billionTPG Inc (TPG)\$137 billion

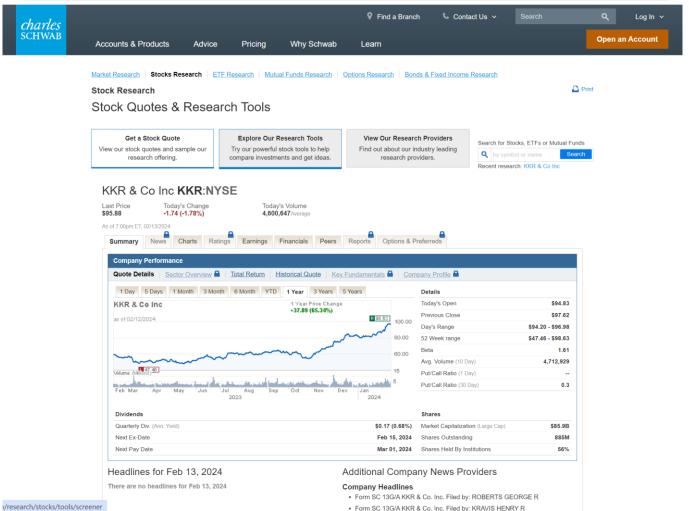


Reuters

(Adds Global Payments, Uniper, Petrobras, Manchester United,SBA Communications and Walmart)Feb 13...

Company Headlines

· BRIEF-Gates Industrial Says It Has Entered Into Share Repurchase Contract With Citigroup Global Markets



Ways Non-Accredited Investors Participate

Private Equity ETFs

Private Equity ETFs invest in publicly listed Private Equity firms or Business Development Companies (BDC).

Examples:

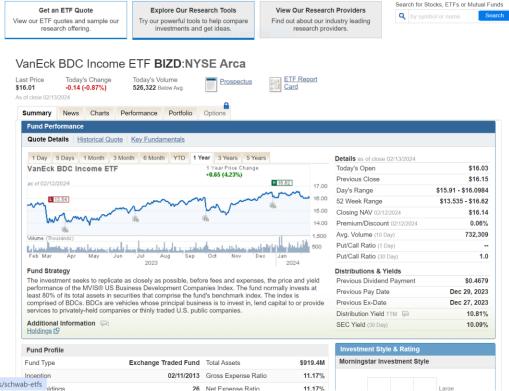
- Invesco Global Listed Private Equity Portfolio, (PSP)
- iShares Listed Private Equity (IPRV),
- VanEck BDC Income ETF (BIZD).



Market Research Stocks Research ETF Research Mutual Funds Research Options Research Bonds & Fixed Income Research

Exchange-Traded Funds Research

Exchange-Traded Funds Quotes & Research Tools



wab.com/research/etfs/tools/schwab-etfs

BIZD

👻 🚟 ETF Research Tools | Charles Sci 🗙 🕂

← → C thttps://client.schwab.com/app/research/#/etfs/BIZD

Holding	įs			^	Description 1. BIZD Market Price
		% of Net Assets		YTD	BIZD NAV
Symbol	Description	•	Sub-Industry	%	Financial Morningstar Category
ARCC	Ares Capital Corp	+20.04%	Asset Management & Custody Banks	+0.80%	MSCI ACWI
FSK	FS KKR Capital Corp	+12.55%	Asset Management & Custody Banks	+1.20%	NR USD Broad-Based Index
OBDC	Blue Owl Capital Corp Ordinary Shares	+12.17%	Asset Management & Custody Banks	+0.68%	Morningstar US Fin Svc TR USD Best Fit Index
HTGC	Hercules Capital Inc	+5.03%	Asset Management & Custody Banks	+5.10%	4 Datasource Morning
MAIN	Main Street Capital Corp	+4.74%	Asset Management & Custody Banks	+3.38%	based on closing daily as of 12/31/2023
BXSL	Blackstone Secured Lending Fund Ordinary Shares	+4.60%	Asset Management & Custody Banks	+3.40%	+
GBDC	Golub Capital BDC Inc	+4.56%	Asset Management & Custody Banks	+2.91%	Monthly To
TSLX	Sixth Street Specialty Lending Inc	+4.14%	Asset Management & Custody Banks	+0.37%	
PSEC	Prospect Capital Corp	+4.02%	Asset Management & Custody	-9.52%	Description
		4425	Banks		BIZD Market Price
GSBD	Goldman Sachs BDC Inc	+3.39%	Asset Management & Custody Banks	+3.07%	BIZD NAV
					Financial Morningstar Categor
5.24% of		- Show More			Morningstar US F Svc TR USD Best Fit Index
					MSCI ACWI NR USD Broad-Based Index
Distribu	utions & Yields			^	
					¹ Datasource Mornings
0.4050	0.4679	Previous Divid	end Payment	\$0.4679	based on closing daily

BIZD Narket Vrice BIZD NAV			
		+27.06%	+
inancial		+26.82%	+
orningstar ategory		+12.59%	, ·
ISCI ACWI IR USD road-Based dex		+22.20%	+
Norningstar IS Fin Svc IR USD est Fit Index	-	+16.09%	+
4			+
Monthly To			^
Monthly To		I rns umulative	^ Ret
,		umulative	^ Ret
Description	C	umulative 1 Mo	Ret
Description BIZD Market Price	C YTD	umulative 1 Mo +1.50%	
Description BIZD Market Price BIZD NAV Financial	C YTD +1.50% +1.56%	umulative 1 Mo +1.50%	+11 +11
Monthly To Description BIZD Market Price BIZD NAV Financial Morningstar Category Morningstar US Fin Swor TR USD Best Fit Index.	C YTD +1.50% +1.56% +0.07%	1 Mo +1.50% +1.56% +0.07%	+11 +11
Description BIZD Market Price BIZD NAV Financial Morningstar Category Morningstar US Fin Svo TR USD	C YTD +1.50% +0.07% +2.55%	1 Mo +1.50% +1.56% +0.07%	+1: +1: +2(



Market Research Stocks Research ETF Research Mutual Funds Research Options Research Bonds & Fixed Income Research

Exchange-Traded Funds Research

Exchange-Traded Funds Quotes & Research Tools

Out an ETE Quete	Explore Our Research Tools	View Our Research Providers	Search for Stocks, ETFs or M	Autual Funds
Get an ETF Quote View our ETF quotes and sample our research offering.	Try our powerful tools to help compare investments and get ideas.	Find out about our industry leading research providers.	Q by symbol or name	Search

Invesco Global Listed Private Equity ETF PSP:NYSE Arca



Ways Non-Accredited Investors Participate

Crowdfunding

<u>Jumpstart Our Business Startups Act of</u> 2012, investors are allowed to invest up to \$2,000 per year through equity crowdfunding.

If 5% of the lesser of your annual income or net worth is greater than \$2,000, then you can invest that larger amount.

Those with Annual Income or Net Worth > \$100,000, up to 10% can be invested.

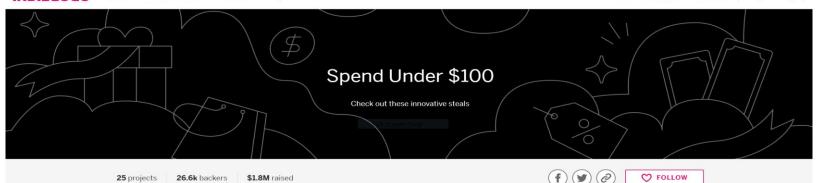
Examples: Indiegogo and MicroVentures

\rightarrow C https://www.indiegogo.com/campaign collections/spend-under-100 ~

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INDIEGOGO Explore V Our Top 10 Finds Team Favorites Q

Start a Campaign What We Do Log In Sign Up





FUNDING

Easy A-C Screen - An Innovative AC Accessory

The A-C Screen that fits next to your AC unit and provides an easy solution to a clean, cool summer

HOME

\$201 USD raised	20%

C Ended



FUNDING

ZERO PUMP:World's Smallest Pump for Sleeping Pads

Ultralight 1.2oz/Replaceable Battery/50s Inflator & Deflator/Inflate 25 Times/Space Saving/Anti-Drop

TRAVEL & OUTDOORS

\$663,866 USD raised 12,652%

A Now funding through InDemand



AirCord - Charge & Secure Your AirPods on the Go

Enjoy uninterrupted listening and worryfree adventures - the perfect solution for AirPods users

1.054%

PHONES & ACCESSORIES

\$40,534 USD raised

FUNDING

A Now funding through InDemand



Rootique: Transform Hair Loss Treatment in 15s

Mess-free | 0 Waste | 3.5X Absorption | Micro-Mist, Red Light | Hair Tonic Compatible | Travel-Ready

HEALTH & FITNESS

\$1,265,225 HKD raised 10.663%

Now funding through InDemand



Ways Accredited Individual Investors Participate Angel Investors

- Typical Investments: Equity or Convertible Debt; typical minimum \$25k; invest own money
- Angel Organizations
 - AngelList Seed Stage Capital
 - Angel Capital Association Trade Group
 - Alliance of Angels Geographic Focus (Seattle)
 - Life Science Angels Industry Specific (BioTech)
 - Angel Investment Network Matching Svc
 - Tech Coast Angels Geographic Focus (SoCal+)
 - MEDA Industry Specific (Medicine, BioTech)
 - PROPEL(X) Digital Investment Exchange Platform

Accredited Investors Venture Capitalists

Venture Capital investors

- Invest Other peoples money
- Typical structure: Partners, LLCs
- General Partner Rewarded: Fee + % of Profit (Carried Interest)
- Larger Investments than Angels (\$500K+)
- Investment Stages
 - Angels: Pre-Seed, Seed, Series A
 - Venture: Maybe Seed, some Series A, Series B, C+
- **Examples**: Sequoia, Kleiner Perkins, Moore Davidow Ventures, Khosla Ventures

How Investors Liquidate (Make and Loose Money)

- IPOs: (Initial Public Offerings)
- Mergers & Acquisitions (M&A)
- SPACs: Acquirers of privately held companies
- Dissolutions, Bankruptcies
- Sale of assets mostly IP, Investors & Debt retained in shell

PRIVATE EQUITY IPOs , M&A, Buyouts (Done and In Play)

- KKR backed Bright Springs Health IPO
 - Target: \$3B val., ~\$960M raise, @ \$15-\$18/sh
 - Actual: \$2.5B val., \$633M raised, @\$12
- AMD acquires Xilinx for \$35B, all stock deal 2/2022 – Morgan Stanley
- PE Buyouts
 - Toshiba \$15B (Japan Industrial Partners)
 - Qualtrics \$12.5B (Silver Lake & Canadian Pension Plan)
 - Univar \$8.1B (Apollo Global Management)
- **Soon (?):** Servicetitan backed by Goldman Sachs, Morgan Stanley, \$9.5B val, investors include Bessemer, Sequoia, TPG, T.Rowe Price (sometime in 2024, maybe)

Why an IPO?

- Allows a company to raise money to fund operations, fuel growth, pay down deb, pay back investors, improve public image and credibility
- Provides access to large amounts of capital from public investors
- Price depends on potential demand, industry comparables, growth prospects, company narrative, financials, amount of money to be raised
- Strong Demand, Good Narrative, New Bright Shiny Object = Higher Valuation
- Broker Dealers have pre-IPO share allocation and *may* make some of these available to retail. Broker – Dealers: Fidelity, Robinhood, WeBull, SoFi

Initial Public Of	fering, Latest & 🗆 🗙 🕂					- 0	×
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	United States B Crypto *	③ Forex *					
	Overview Top Gainers Top Loser	s Most Active Top Options	Top Industries Most Popular ETFs	Calendar IPO 52 Wee	k High/Low ▼		
	IPO Center Offerings Filed Listed						
	No. Symbol/Name	Offering Price	Offer Amount	Deadline for Cash	Deadline for Margin		
	1 Massimo Gro MAMO	\$4.000~\$5.00	7,475,000	02/13/2024	02/14/2024		
	2 Amphitrite Di AMDI	\$3.500~\$4.500	9,056,250	02/13/2024	02/14/2024		
	3 Ohmyhome L OMH	\$10.00		02/13/2024	02/14/2024		
	4 C Azitra Inc AZIR	\$2.50		02/13/2024	02/14/2024		
	5 Flewber Glob FLAI	\$4.000~\$5.00	-	02/14/2024	02/15/2024		
	6 Docola, Inc. DOCO	\$5.75~\$6.75	8,235,000	02/14/2024	02/15/2024		
	7 Wetouch Tec WETH	\$7.00	-	02/14/2024	02/15/2024		
	8 Nyiax Inc	\$4.000~\$4.000	9,688,752	02/15/2024	02/16/2024		
	9 Metros Devel MTRS	\$8.00~\$8.00	10,350,000	02/15/2024	02/16/2024		
	10 Armlogi Holdi BTOC	\$5.00~\$6.00	-	02/15/2024	02/16/2024	X	

Private Equity Returns 2000-2020

11% Annualized return for 21 year period vs 6.9% for Public Stock Benchmark

Source: Chartered Alternative Investment Ass. (CAIA) Stephen Cliffwater, Cliffwater, LLC Exhibit 1: Composite <u>Private Equity</u> Performance across State Pensions: Covering 21 Years starting June 30, 2000 and ending June 30, 2021 Growth of \$1.00 (left axis) and Annual Excess Return (right axis)



A few 2023 IPOs vs Performance

Maplebear (Instacart, CART) IPO price \$30/share; Current \$26.60

ARM Holdings IPO price \$51/share; Current \$115/share

~	📓 Sign Out			×	SA All 202	3 IPOs - A Complete List 🗙 🕂			
←	→ C	0-0	https	://stockanalys	is.com/ipos/	/2023/			
`		-	Treps	,,, , , , , , , , , , , , , , , , , ,	inteering (peers)				
lini	STOCK		Q	Company or sto					
	合 Home 们 Stocks			•		is on the US stock market in 2023. Ti 5% lower than the all-time record n			
ഫി									
(Ħ	IPOs	v		154 IPOs		Filter	Export 🗸	Columns 🗸	
	Recent IPOs			IPO Date ~	Symbol	Company Name	IPO Price	Current	Return
	IPO Calendar			Dec 27, 2023	IROH	Iron Horse Acquisitions Corp.	\$10.00	\$10.14	1.40%
	IPO Statistics			Dec 19, 2023	LGCB	Linkage Global Inc	\$4.00	\$1.71	-57.50%
	IPO Screener			Dec 15, 2023	ZKH	ZKH Group Limited	\$15.50	\$17.05	11.61%
ð	ETFs	Þ		Dec 15, 2023	BAYA	Bayview Acquisition Corp	\$10.00	\$10.13	1.30%
Ð	News			Dec 14, 2023	INHD	Inno Holdings Inc.	\$4.00	\$1.10	-72.45%
~7				Dec 4, 2023	AFJK	Aimei Health Technology Co., Ltd	\$10.00	\$10.18	1.80%
	Market Movers			Dec 1, 2023	GSIW	Garden Stage Limited	\$4.00	\$15.00	268.75%
8	Corporate Actio			Nov 30, 2023	FEBO	Fenbo Holdings Limited	\$5.00	\$7.52	55.76%
	Market Newslet			Nov 21, 2023	CLBR	Colombier Acquisition Corp. II	\$10.00	\$10.13	1.30%
⊻	Stock Analysis P			Nov 21, 2023	ELAB	Elevai Labs, Inc.	\$4.00	\$0.64	-83.95%
0,		ro		Nov 17, 2023	RR	Richtech Robotics Inc.	\$5.00	\$1.85	-62.94%
+	Watchlist			Nov 17, 2023	DDC	DDC Enterprise Limited	\$8.50	\$2.04	-77.29%
~	Collapse			Nov 14, 2023	SHIM	Shimmick Corporation	\$7.00	\$6.10	-12.86%
				Nov 14, 2023	GLAC	Global Lights Acquisition Corp	\$10.00	\$10.18	1.70%
				Nov 14, 2023	SGN	Signing Day Sports, Inc.	\$5.00	\$0.70	-86.35%
				Nov 10, 2023	CRGX	CARGO Therapeutics, Inc.	\$15.00	\$23.00	53.00%
				Nov 10, 2023	HG	Hamilton Insurance Group, Ltd.	\$15.00	\$14.59	-2.97%
				Nov 9, 2023	ANSC	Agriculture & Natural Solutions Acq	\$10.00	\$10.14	1.40%
				Nov 9, 2023	AITR	AI Transportation Acquisition Corp	\$10.00	\$10.23	2.22%
				Nov 8, 2023	GVH	Globavend Holdings Limited	\$4.00	\$1.01	-75.00%
				Nov 3, 2023	LXEO	Lexeo Therapeutics, Inc.	\$11.00	\$17.00	54.55%
				Nov 1, 2023	PAPL	Pineapple Financial Inc.	\$4.00	\$1.42	-64.75%
				Oct 21 2022	ATGI	Alpha Technology Group Limited	\$4.00	¢11 QQ	100 28%

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Gain on Small Business Stock Tax Exemption Section 1202(a) The "Qualified Small Business Stock" (QSBS) tax exemption under Section 1202 allows non-corporate founders and investors in growth companies with < \$50M in gross assets to exclude up to 100% of the U.S. federal capital gains tax incurred when selling its stake in the start-up or small business.

Stock must be held more than five years; exemption is capped at the greater of \$10 million or 10 times the basis of its initial investment.

Tax Loss Treatment of Restricted Stock Section 1244

Section 1244 of IRS Code allows eligible shareholders of domestic small business corporations to deduct a loss on the disposal of such stock as an ordinary loss rather than a capital loss up to \$50,000 for individuals and \$100,000 for joint returns. The loss is fully deductible in the year of the loss. Investment was made in the first \$1M raised.

Lessons Learned Theranos: A Fallen Decacorn (\$10B Valuation)

Soure: Crunchbase

ttps://news.crunchbase.com/health-wellness-biotech/theranos-elizabeth-holmes-trial-investors-board/

Theranos' board of directors

Part of what made Theranos such a big name in Silicon Valley was the people the company brought on for its board of directors. The company had notable figures from the worlds of both business and government as members of its board.

They included:

- Henry Kissinger (former United States Secretary of State);
- Jim Mattis (retired Marine Corps four-star general); en s
- George Shultz (former United States Secretary of State);
- Richard Kovacevich (former CEO of Wells Fargo);
- William Perry (former United States Secretary of Defense); and
- William Foege (former director of the Centers for Disease Control and Prevention).

Holmes' and Balwani's respective trials are expected to be the last chapter of the Theranos story which has been unfolding over the past six years. Each wire fraud charge has a maximum sentence of 20 years in prison, in addition to potential fines and restitution, per the Journal.

Startups fail all the time, but it's not often they end up with multiple trials and a cautionary tale.

Fool's Gold & The Greater Fool Theory

He Who Controls the Fool's Gold, Controls the Fool.

If an Asset – or an Entire Market – is detached from its fundamentals, there will always be someone (a "**Greater Fool**") to take it off your hands.

Investment Advice

BUY LOW SELL HIGH