



TECHNOLOGY PROFITS CONFIDENTIAL

- Profit Today From Bleeding-Edge Technology and Innovation -

Profit From the Apex Tech of Our Times

INSIDE THIS ISSUE

Redefining The Next Decade:

From cancer cures to self-driving cars, artificial intelligence is redefining everything mankind once created. What was once inferior to the mind is now smarter than mankind itself. Al has been gaining traction for decades but the time has come to finally accept and adapt, all while making a handsome profit along the way...

An Oldie but a Goodie:

This month's recommendation is no stranger to the world of artificial intelligence. In fact, it was one of the earliest developers. With decades of research under their belt and a multi-trillion dollar opportunity at hand, this company is positioned to have the comeback story of a lifetime...

Portfolio Positions

Buy International Business Machines Corp. (NYSE: <u>IBM</u>) up to \$178 per share.

Ray Blanco Editor

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Unlike famous techpreneurs and investors Elon Musk and Peter Thiel, Masayoshi Son isn't exactly a household name in the United States.

He is, however, the founder and CEO of Japan's third-largest public company and a major technology investor.

He's a visionary investor, funding a young Jack Ma to the tune of \$20 million. Funds that have grown by thousands of percent as Ma's Alibaba became a huge success.¹

Son has been doing this his whole career. Starting from scratch as the son of a poor Korean immigrant family, by the late 1990s he had built a Japanese technology and communications giant.

For a brief time during the late 1990s, as the value of his businesses ballooned, he was wealthier than Bill Gates.

But then, of course, the dot-com bust happened, crashing the value of many technology companies.

Son likes to joke that he lost more wealth during that bust — \$70 billion — than anyone in history.

Today, however, he's back on the top 10 list of wealthiest people in tech.²

If you read last month's recommendation, you know the name of his company — **SoftBank Corp. (OTCBB: <u>SFTBY</u>).**

Son wants SoftBank to be at the center of the biggest tech trend today: artificial intelligence.

I'm about to show you just how big the AI revolution is going to be... where the biggest names in tech are putting their money... and the tech mainstay that's revolutionizing AI technology and going to make us a big profit in return.

It starts with Son and SoftBank...but it goes well beyond that.

SoftBank Puts Big Bucks in Al

Son is wasting no time to position SoftBank to profit from the apex technology:

"I truly believe it's coming, that's why I'm in a hurry — to aggregate the cash, to invest."

Earlier this year, Son raised \$100 billion for venture funding. He even promised President Trump that he'd invest \$50 billion into American ventures.

Among those American investments is our "Halo-Fi" play, OneWeb. SoftBank has invested \$1 billion into this satellite communications startup, grabbing a 40% stake.

In the near future, OneWeb will launch a constellation of hundreds of low-orbit satellites, bringing fast internet access to billions of the "unconnected" on our planet—and giving the rest of us a competitive access option, too.

But OneWeb will do more than connect people... it will help connect a trillion internet of things devices... making what they collect accessible to AI technology that can analyze massive amounts of data, turning it into information, and helping us make decisions.

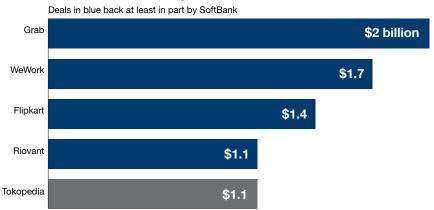
OneWeb is just one of many new ventures Son is claiming a stake in.

SoftBank is moving fast. Four of the five biggest venture capital deals in the third quarter of 2017 were funded at least in part by Son's firm.⁴

Almost every single SoftBank venture capital deal last quarter has something to do, in some way, with artificial intelligence.

Grab, for example, is a ridesharing app like Uber. It's big in Southeast Asia. But Grab isn't the only taxi app

Son Stakes a Claim in Huge VC Deals



Source: CB Insights Money Tree Report Q3 2017

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SoftBank has invested in. Son's also grabbed a piece of China's Didi Chuxing, India's Ola, Brazil's 99 and now Uber itself.⁵

Son believes the way we get from place to place will be radically disrupted. In years to come, many of us might even decide not to own cars. We will just hail a self-driving vehicle to safely and efficiently take us where we want to go.

Son sees these ridesharing ventures as being enabled by artificial intelligence — it's the key to their future success.⁶

That AI thread also connects to Flipkart, India's biggest online store.

The Amazon of India is pushing to make online shopping easy for customers by creating an artificial intelligence that can talk to shoppers and help them as they shop. The aim is to recreate the experience of shopping in a brick-and-mortar store, a personalized experience where a helpful salesperson can guide you in your purchasing decisions.⁷

Vivek Ramaswamy's Roivant Sciences is a biotech startup. It might not seem to fit the AI mold, but the company is making a serious effort to transform how we find new therapies.

Last month, Roivant launched Datavant, a new company focused on using AI to improve drug discovery and development. Datavant has already analyzed data from

millions of patient visits. These huge datasets will be mined, and the resulting intelligence will be used to help find new ways to heal disease.⁸

And over the summer, SoftBank was part of a \$114 million capital raise for Brain Corp., which is working on a software platform designed to make autonomous commercial robots. BrainCorp intends to make this software, called BrainOS, the robotic equivalent of Google's Android in smartphones.

SoftBank has also heavily invested in

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publicly traded AI companies. For example, the company has taken a \$4 billion position in leading artificial intelligence company **Nvidia** (**NASDAQ: NVDA**).¹⁰

If you're a longtime reader, you already know about how Nvidia is changing the AI landscape with its high-powered GPU chips. The company is riding a wave of new technology and so far has earned us a gain of 876% since I told you about how its moves into artificial intelligence would make us big winners.

SoftBank also made a huge acquisition late last year when it bought chip firm ARM Holdings, the U.K.'s largest tech company, for \$32 billion. ARM is in almost every mobile phone made, and its chips are powering the internet of things revolution...but it's also at the heart of the emerging artificial intelligence boom.

Nvidia's own autonomous car supercomputers incorporate ARM tech, and ARM itself is designing new chips that will facilitate handling AI algorithms.¹¹

SoftBank's CEO is obviously bullish on AI. So bullish he predicts that artificial intelligence will overtake human intelligence in 30 years... and that there will be as many smart machines by then as humans.¹²

From Games to Disease: A Trillion-Dollar Al Gold Rush

AI machines have been steadily gaining ground for decades.

In the beginning, it was fun and games, like when a computer beat world chess champion Garry Kasparov in 1996. Then, in 2011, another machine wowed us by winning *Jeopardy!* beating some of the best human contestants in the quiz game show's history.





Artificial intelligences keep getting better at games. Google's Go-playing AI can teach itself to play chess in just three days.

Amazingly, these machines start digital life as something of blank slates, with no knowledge of the virtual environments they will compete in. At first everything they do is random, but eventually they learn enough to have a skill level higher than the best human players.

Learning in this capacity is much like how a child learns good and bad behavior. Reward is given for good actions, and incorrect actions are reprimanded.

AI technology isn't just about building a gaming bot that can beat humans, however. It's part of developing a safe artificial intelligence that can help with tough real-world problems.

Artificial intelligence will soon have a huge impact on how long we live. Forty percent of us will be diagnosed

with cancer at some point in our lives...

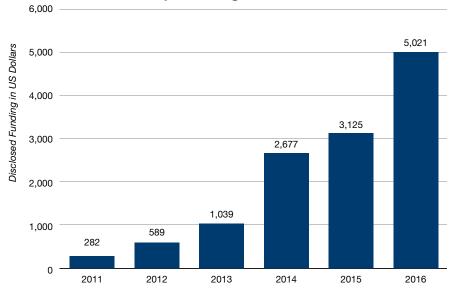
I was part of that group 23 years ago.

Although we get better at curing this suite of diseases over time, it's devilishly hard to discover and develop a new therapy.

Last year, almost 1.7 million Americans were diagnosed with the disease... and almost 600,000 died because of it.¹³ It's the second leading cause of death in the United States, narrowly trailing heart disease.¹⁴

So it's not surprising that oncology is biopharma's biggest disease focus. There are more cancer clinical trials in biotech development pipelines than any other disease condition. The industry spends billions — and hundreds of new drugs fail — losing billions.

Worldwide Al Startup Funding



Source: Statista 2017

AI-focused biotech companies, however, are trying to make the process better. Insilico Medicine, for example, is using this technology to help improve the process.

Two adversarial artificial intelligences are pitted against each other. One tries to find potential cures from a library of millions of chemicals, the other examines whether or not they could work. So far, the dynamic duo have found 60 treatments from that library that they agree could work... and also happen to be patented treatments.

This means they are able to identify working compounds... and that other molecules they've picked out that aren't in current use have potential as new cures.¹⁵

Since the process runs at the blinding speeds of computer circuits, it's much faster than having to individually screen each new compound in test tubes. The idea is to speed up the process, saving billions by avoiding failures, and hopefully one day saving lives.

One day an artificial intelligence could even give you a more accurate cancer diagnosis. Google is using neural network technology originally designed to help cars see the road to examine images collected from patients.

The tech can tell the difference between healthy and cancerous tissue with great detail, helping determine if a malignancy is metastasizing in the body. Pathologisits could one day rely on these robot eyes to help them spot the disease's spread at an earlier stage, enabling them to act sooner.¹⁶

The applications for AI seem endless, and funding for startups alone has ballooned over the last decade, growing over 17-fold in the six-year period 2011–17.¹⁷

From self-driving cars to cancer cures... the applications for artificial intelligence will be huge... large tech companies are investing billions this year, and the markets they touch will be eventually sized in the trillions.

And according to market analytics firm IDC, the global artificial intelligence market will grow at an astounding 55% compound annual rate between 2016 and 2020, generating more than \$47 billion by the end of the decade.¹⁸

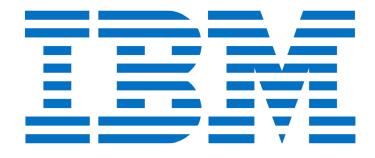
According to SoftBank's CEO, "Every industry that mankind created will be redefined. The medical industry, automobile industry, the information industry of course.

Every industry that mankind ever defined and created, even agriculture, will be redefined. Because the tools that we created were inferior to mankind's brain in the past. Now the tools become smarter than mankind ourselves. The definition of whatever the industry will be redefined."¹⁹

SoftBank is a great way to play this tech trend...but it's not the only one. One technology company has been among the earliest developers of artificial intelligence.

It's been beaten down over the last few years as legacy markets have dried up, but decades of research have positioned it perfectly to become one of the great turnaround stories of our time.

That company is **International Business Machines Corp.** (NYSE: <u>IBM</u>).



From Tech Dinosaur to Al Leader

IBM came into being in New York state in 1911, making it one of the country's oldest information technology firms.

The iconic company's original name was the Computing-Tabulating-Recording Co. By the 1930s, IBM equipment was handling millions of records for the American government after the Social Security Act was passed.

By the 1950s, the company was experimenting with early artificial applications when an IBM computer learned to play the simple game of checkers.

IBM technology eventually developed into Watson, IBM's artificial intelligence platform. Named after past IBM CEO Thomas J. Watson, it's the system that wowed the world by winning *Jeopardy!* six years ago.

Artificial intelligence, which IBM calls cognitive computing, is at the center of Big Blue's growth plans.

Watson is at the bleeding edge of artificial intelligence. Unlike past approaches to computing, which required rigid programming on the part of humans to work, systems like Watson are able to adapt and adjust based on experience — much like our own brains do.

When we make a decision, we observe and then refer to past experience to interpret our observations. Then we form a theory and test it to see if we are correct. Like human intelligence, Watson can "reason" in order to "understand" a problem and make a decision…but it can process far more data far more quickly than a human can.

Watson can process massive amounts of messy data, from literature to research articles. Unlike a search algorithm,

which only looks for keyword matches and perhaps synonyms, Watson's natural language-processing abilities allow it to understand grammar, including idiomatic language use, based on context.

Paging Dr. Watson

Let's take cancer research as an example. Humans can't keep up with the massive amount of research that's published every week — it would take hundreds of hours of reading.

But Watson can read through millions of pages of scientific literature, learning the cancer-specific jargon as well as the nuances of human language and helping identify the best potential therapies for a particular patient.



"Adapt or Die..."

Al is changing the face of many industries around the world. One of the big ones is traditional retail. Brick and mortar stores know it's crucial to get with the times if they want to compete with online retailers like Amazon.

Let me offer a quick scenario.

You walk into a store at your local mall. They're holding a 40%-off sale

You have questions but there's not a salesperson in sight. The clothing displays are a mess and you can't tell what's 40% off and what isn't.

You look around for assistance, but after two laps and no help, you're too frustrated and leave.

Sounds like a normal shopping experience, right?

That scenario may be true today, but in all likelihood, it won't be true for long.

Now imagine in the near future, you're interacting with a personal shopping assistant, an Al powered automaton, rather than leaving a store in frustration.

The notion is hardly far-fetched.

The artificial intelligence revolution has already taken hold of industries like manufacturing, transportation and finance.

Now Al tech is being applied to brick-and-mortar retail operations. The impact it will have is mind blowing.

Earlier this month, the retail conference Shoptalk, a veritable "who's who" list of retail execs and industry experts, was held in Copenhagen, Sweden.

The hands-down dominating consensus coming out of the conference was that artificial intelligence will play an integral role in traditional retail's future success.

"The clear takeaway is adapt or die....", remarked one Shoptalk attendee. That point is not to be taken lightly.

A recent Gartner industry report projects that by 2020, 85% of all customer interactions will be managed with AI software and 30% of all companies will employ AI in at least one sales process.

The writing's on the wall and retailers refusing to adapt will suffer the consequences.

EBay's chief product officer put it like this..."It's bigger than the web and the mobile revolution combined. By 2020 if we're not engaged with this technology and making it a meaningful part of our businesses – we are braindead."

Many traditional retailers are already investing heavily in Al. Companies like Levi, Burberry, Neiman Marcus, North Face, and

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Urban Outfitters (to name a few) all know how high the stakes are. To compete with a thriving ecommerce market, Al is a "must have" for traditional retailers.

Big data needs are a huge driving force behind the recent Al push. Today's brick-and-mortar retailers are inundated with information.

They have tons of actionable customer data at their fingertips, and no idea how to use it!

Al solves this problem by making sense of all that info, offering a cheaper, faster way to conduct complex analytics.

Al allows retailers to understand their customer data more intelligently. It's used to predict consumer style preferences and changes to those preferences instantaneously, saving you time and money.

The predictive powers of AI are also a unique way traditional retailers can use cutting-edge tech to stay ahead of consumer preferences.

Some retailers are using AI to trawl thousands of e-commerce sites to pinpoint exactly which products are being viewed most, day in and day out.

This allows them to get in front of the consumer wants and

needs, and ensures you have the latest and greatest product offerings possible.

Competitive pricing is yet another way brick-and-mortar stores and consumers are benefitting from AI implementation.

Using a rule-based machine learning engine retailers can optimize prices based on various external factors, like inventory, competitors' out-of-stock situations, and other store's discounts instantaneously, ensuring you always get the best deal.

For example, a store could use AI tech to implement automatic pricing rules such as always selling a specific item for 10% less than an online competitor like Overstock.

Because who doesn't want to save a little time and money right? And that's just a few ways AI tech will change the face of traditional retail.

More and more forward-thinking ideas are continuously opening new doors for the future.

If you're looking for a monumental industry disruptor there is no better example than Al.

As the trend continues to gain momentum, there is no doubt that Al tech will fundamentally change retail as we know it and make the industry infinitely stronger.

The result is that even the best doctors can be out of date on using the best available evidence to treat cancer patients.

That's where Watson is helping to make cancer therapy better. Back in 2011, Watson was already as smart as a second-year medical student. In 2012, IBM teamed up with Memorial Sloan Kettering Cancer Center and Well-Point health care in order to use Watson to help physicians make decision. As Watson's teacher, MSKCC has helped turn it into a powerful tool to save lives.²⁰

At the beginning of 2016, IBM began to market Watson's AI as a service for oncology. Today, 89 hospitals are using Watson for health care. That includes more than just oncology, but genomics and clinical trials matching, too.

Watson is also helping discover new drugs, and the potential is incredible. Barrow Neurological Institute used it to discover five altered proteins in amyotrophic lateral sclerosis (ALS), a deadly neurodegenerative disease.

Pharma giant Pfizer has teamed up with IBM to turn Watson into a drug discovery machine²¹ sifting through vast amounts of data in medical literature — including Pfizer's own internal data — to test hypotheses and find new drug targets as well as identify patients for clinical trials.

Medical device giant Medtronic is working with Watson too, using its silicon smarts to find new ways to treat diabetes, ²² as have Sanofi and Novo Nordisk. ²³

The list goes on, a real who's who of health care heavy hitters. Top generics drug company Teva is using Watson to find new treatments for chronic diseases, working on building a pipeline as sales of branded drugs start to go off patent.²⁴

The Broad Institute partnered with Watson to sift through genomic data from drug-resistant tumors, looking to analyze and find resistance drivers and discovering new treatments.²⁵

In China, Watson is working in dozens of hospitals to advance personalized and evidence-based cancer treatment.²⁶

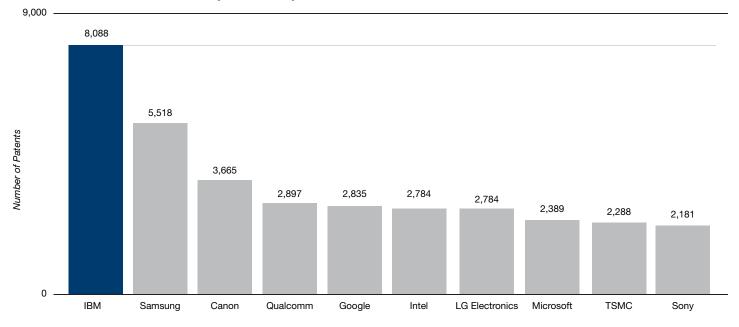
IBM is a research powerhouse. It has amassed 2,500 health care-related patents, many of them dealing with the use of artificial intelligence in health care and research — 400 in the last two years alone. For the past 24 years, IBM has received more patents every year than any other company — more than 8,000 in 2016 alone.²⁷

Cognitive solutions are helping turn IBM around after years of disappointing sales from legacy businesses.

The company's recent earnings report shows that it's finally starting to bear fruit. Earnings surprised, with both revenues and earnings beating analyst expectations.

The main driver? Cognitive computing. The company's Cognitive Solutions segment has now become its second-largest business, pulling in \$4.4 billion in revenues for the quarter.

2016 Patents Received: Top 10 Companies



Source: FICLAMS Patent Services

But it's much bigger than that. The company is embedding its cognitive technology across its other businesses, improving them, helping customers get value from data and driving revenues.

IBM calls embedding cognitive and cloud capabilities across its businesses a strategic imperative, and revenues of \$8.8 billion represent a 10% year-over-year increase.

Trillion-Dollar Opportunity Ahead

Right now, IBM trades for \$162 per share, with a market cap of \$151 billion.

IBM's chairman, president and CEO Ginni Rometty sees a multitrillion-dollar opportunity for the company in machine learning and cognitive computing.

She believes the market is \$2 trillion over the next decade, and that her company could pioneer artificial intelligence technologies that could eliminate hundreds of billions of dollars of waste in supply chains, R&D and other processes across industries.

The company has made AI a key to its future growth. Investors are just beginning to grasp this, with shares rallying 10% after the company announced the earnings beat a couple of weeks ago.

All this points to things coming together at IBM — making it a turnaround story driven by the emerging artificial intelligence revolution.



RECOMMENDATION:

Buy International Business Machines Corp. (NYSE: IBM) up to \$178 per share.

To a bright future,

N. Danc

Ray Blanco

This 35-cent pot stock may turn small-time investors into "Marijuana Millionaires"

Ray has identified the #1 penny pot stock you need in your portfolio for 2018.

Click here to learn which little stocks are going to roll up the fattest gains.

Technology Profits Confidential Open Positions

COMPANY	SYMBOL	BUY DATE	BUY PRICE	CURRENT PRICE	GAIN LOSS
Computer Technology					
Nvidia Corp	NVDA	2/6/15	\$20.38	\$195.69	860.21%
Integrated Device Technology	IDTI	7/27/15	\$19.14	\$28.18	47.23%
CyberArk Software Ltd	CYBR	12/28/15	\$44.96	\$43.58	-3.07%
Advanced Micro Devices, Inc	AMD	5/31/16	\$4.50	\$12.01	166.89%
Palo Alto Networks	PANW	7/5/16	\$117.84	\$148.80	26.27%
Cognex Corp.	CGNX	9/6/16	\$49.69	\$123.35	148.24%
Intel Corp.	INTC	10/4/16	\$37.90	\$41.35	9.10%
Cavium Inc.	CAVM	5/3/17	\$68.61	\$67.19	-2.07%
Blackberry	BBRY	5/26/17	\$11.19	\$10.74	-4.02%
Corning Inc.	GLW	6/30/17	\$30.04	\$31.70	5.539
Himax Technologies	HIMX	6/30/17	\$8.12	\$10.25	26.23%
SoftBank Group Corp.	SFTBY	8/25/17	\$40.44	\$44.86	10.93%
International Business Machines Corp.	IBM	8/26/17	NEW!	NEW!	Buy up to \$17
Biotechnology					
Galapagos NV	GLPG	10/2/17	\$44.00	\$96.02	118.239
Arena Pharmaceuticals	ARNA	7/31/17	23.83	\$26.90	12.889
Johnson & Johnson	JNJ	6/30/15	\$97.34	\$141.81	45.699
bluebird bio Inc	BLUE	9/1/15	\$128.86	\$136.60	6.019
Cellectis	CLLS	3/3/16	\$25.80	\$32.08	24.349
Imperva Inc.	IMPV	11/1/16	\$36.25	\$42.20	16.419
Alternative Energy					
8point3 Energy Partners LP	CAFD	4/4/17	\$13.09	\$15.12	15.519

Note: Returns are based on recommended entry and exit prices as mentioned in the *Technology Profits Confidential* e-mail alerts. Brokers' fees are not taken into consideration when calculating returns. If you are not receiving the *Technology Profits Confidential* e-mail alerts, please send us an e-mail to feedback@agorafinancial.com. All numbers are believed to be correct. **Prices as of 10/27/17.**

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