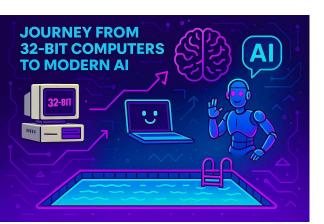




This presentation is a lot like an Airplane movie. I promise we will land safely!





# We are fighting an intergalactic Cyber War and people don't care

### It all started here

Could say 200 words
Sold for \$50
Over 20 films
Over 40 songs
1,000 bits per second
18k



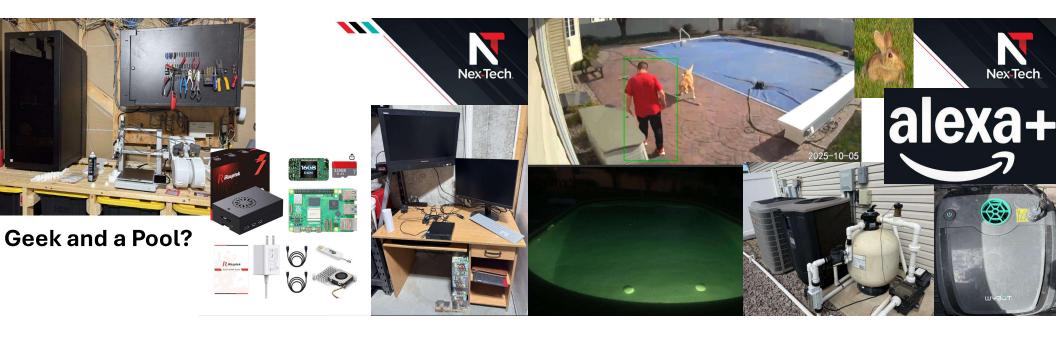


\*\*\*Really Steve? Intergalactic?









### LOCAL NEWS Kansas riskiest state for cybercrime for third year in a row by: Colter Robinson Posted: Aug 7, 2023 / 10:26 AM CDT Updated: Aug 7, 2023 / 10:37 AM CDT (File/Getty)

SHARE (7 & the second

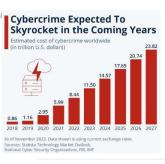


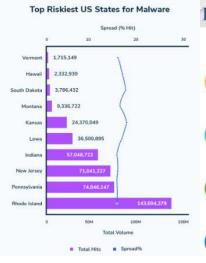




TOPEKA (KSNT) - Cybersecurity company SonicWal terms of malware for the last three years running.

\*\*\*YET people are more worried about package theft from their porch!











March 16, 2022

39949-04-N-003442 STEPHEN RIAT HAYS, KS 67601-2788

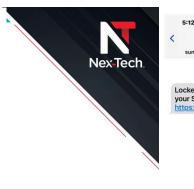
լվիույլուիցիկվիրգեսվիրակինկերիկների

#### Dear STEPHEN RIAT,

At TD Bank, protecting consumer information is our top priority. That's why we're writing to let you know that someone tried to open a TD checking or savings account in your name-but we've already restricted and closed the account using safeguards we have in place to detect this type of fraud. While you may have already contacted us about this account, this letter confirms that no further action with TD is needed.

This activity was not a data breach of TD's systems—the information used to create the account was obtained by people and sources outside of TD.

We realize how unsettling it is to learn your information was compromised in any way, and we're here to inform and empower you when it comes to protecting yourself from fraud. That's why we're providing resources below with tips and tools to help protect your information going forward-including one year of free credit monitoring.

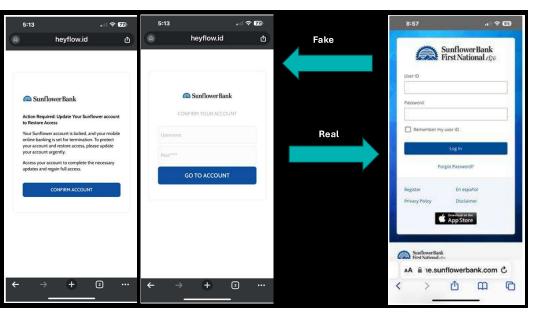




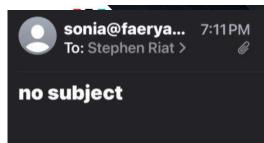
Locked! Last warning on your Sunflower account: ttps://cutt.ly/EehipXb4







Sextortion occurs when someone threatens to distribute your private and sensitive material if their demands are not met. In 2021, the IC3 received more than 18,000 sextortionrelated complaints, with losses over \$13.6 million. \*IC3



I have boad nows for you, A few norths ago, I had access to the device you use to browse the internet. Since then I have been monitoring your activities on the internet, as a regular visitor to adult websites, I can confire that this is your responsibility. As a regular visitor to adult websites, I can confire that this is your responsibility. I have loaded a driver-based trojon that updates its signature several times a day to the anxivirus cannot detect it.

antivirus cannot detect II.
I also have access to your camera and microphone.
Also, I becked up all data including photos, uscial endla, chats and contacts.
I recently had the great idea to create a video where you cum on one part of the screen while the video is playing on another screen at the same time.
It was fund mat assured that I can easily send this video to all your contacts with just a few clicks and I assume you want to avoid this scenario.
With that in assume, here's we suggestion Trendret the amount of 900 and to my bitcoin wallet and

11 forget everything, will also permanently delete all data and videos. In my opinion, this is a rather modest price for my work. You can find out how to buy bitcoins using search engines like Moonpay or Banxa as it is not very

You can 'The our ime 'The our ime' proposed to the 'The State 'The

Hello I am Miss SOLONGE the only daughter of PETER FOFO who died in a motor accident some months ago he was a contractor to federal government of Cote d'Ivoire. Before he gives up in the hospital he told my mother and I that he deposited sum of US \$ 9.5 million with a bank in Lome-Togo and where the document is.

Since after my father's death my uncles are troubling my mother with their useless African traditions they have taking all of my father's belongings/properties and left us with nothing just because, my late father did not have a male child. As a result of this problem my mother feels into an illness. Now she is seriously sick and I have spent all the money we have on drugs and hospital bills.

We have nothing to do than to run down to Lome-Togo to claim the (money) from the bank. We have contacted the bank management and they said before the fund can be released we must bring my late father foreign business partner to stand as my father next of kin for security reasons.

Now we are looking for someone who will assist us and claim the (money) so that when it arrived to his home/ country he will take his own share and send us our own. I am writing this mail to see if you can assist us.

Upon receipt of your acknowledgment mail I shall send you the contact of the bank director as well as our telephone number.

Miss SOLONGE PETER FOFO

Thanks



\$9.5 Million

Hi, Dearly Beloved In The Lord.

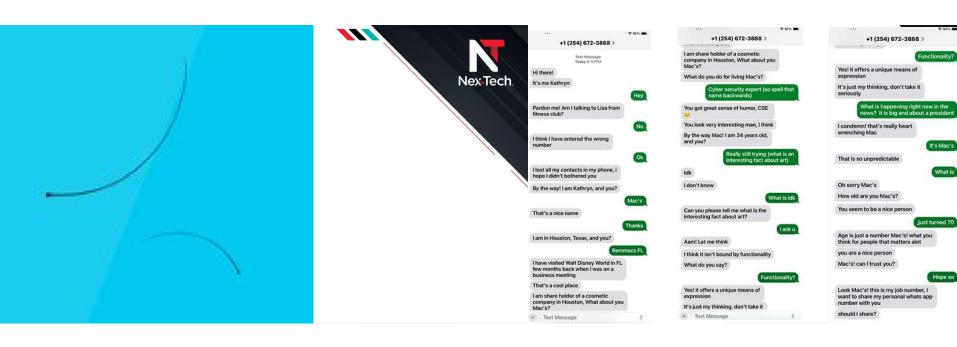
I want Introduce my self to you My Dearest Friend In the Lord, I am Mrs. Linda Niiko. Arthur, from Canada but my husband is Japanese origin, We were married for twenty-seven years year. I'm 60 years old and suffering from a long time Cancer sickness. My Husband died after a brief illness that lasted for only ten days in august 16 2016. well my husband is a contractor and before his death he secure and complete a contract work with the UK government's value \$17.500, 000.00 million dollars, but death took him away before the money was deposited into his bank account. before his death my Husband advised me to donate the money to God Fearing Person to invest the fund in God's work, Helping The Poor and Needv Around the world because i m sick i can not do it myself for now.

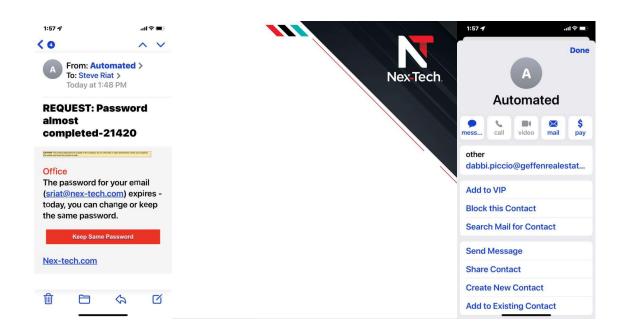
As a real believer of God after all my prayers, for over a month now that I have been praying about you to know if really you are going to use the fund working according to the direction of God our lord, so after all my prayers I am convinced and contacted you, I need your reply immediately you receive this massage now if you would be able to use the funds for the Lord's work and help the poor ones as I want it with trust reply to me with this email address (mrsarthurlinda114@gmail.com)

May God Bless You My Good Friend In The Lord.

Best Regard's, Mrs. Linda Nikko. Arthur.



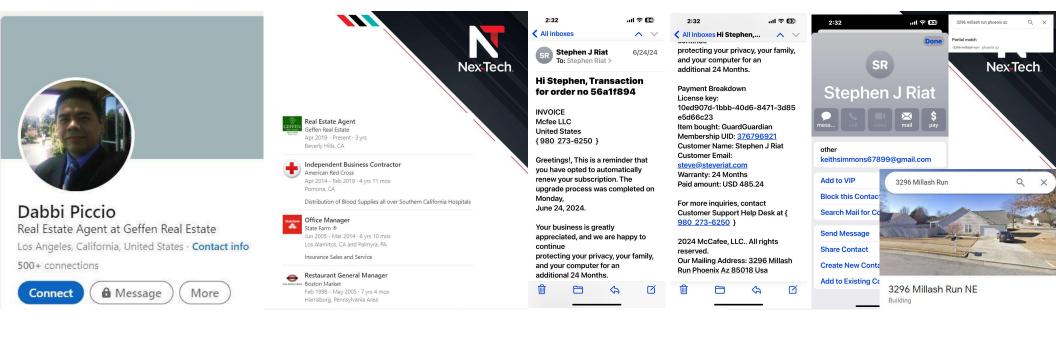


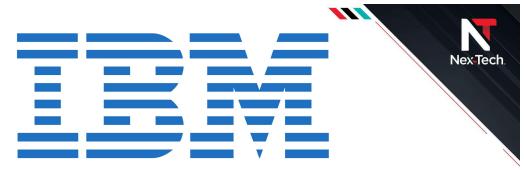




Nex-Tech.

What is





According to a study by IBM, human error is the main cause of 95% of cybersecurity breaches. In other words, if human error was somehow eliminated entirely, 19 out of 20 cyber breaches may not have taken place at all!

95% of cybersecurity breaches are due to human error

World Economic Forum annual Global Risks Report 2022



# Over 75% of healthcare industry has been infected with malware over last year

The <u>study examined</u> 700 healthcare organizations including medical treatment facilities, health insurance agencies and healthcare manufacturing companies.

For nearly 20 years, the launch code for US nuclear missiles was 00000000

Nex-Tecl



(UH, this was 2016)

\*According to a recently published <u>paper</u> about Permissive Action Links (PALs) – small security devices that prevent setting off nuclear weapons without the right code and the right authority – the "secret unlock" code for all US Minuteman nuclear missiles for almost 20 years during the Cold War was set to the jawdroppingly simple code of eight zeros: 00000000.

# Sometimes we don't use common sense?



Nex Tech.

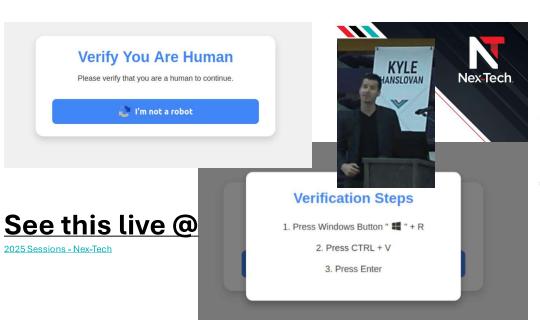
How do I know?

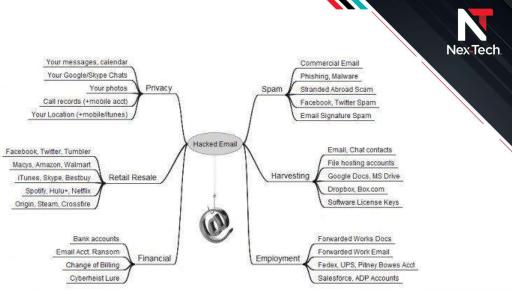




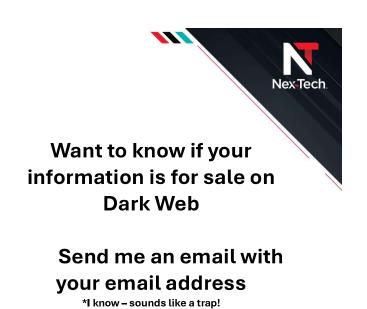
Cyber-criminals and hackers will infiltrate your company through your weakest link, which is almost never in the IT department.





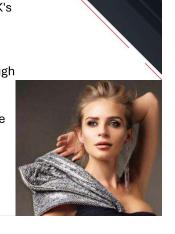








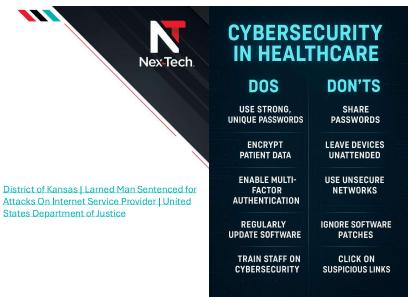
Ekaterina Zhdanova is a Russian national who has been implicated in a multi-billion pound money laundering operation. She is accused of using cryptocurrency to launder money on behalf of Russian elites, ransomware groups, and other illicit actors. Zhdanova's involvement in this operation was revealed by the UK's National Crime Agency, which described it as one of the largest money laundering operations in the last decade. The operation involved a complex web of criminal activities, including drug trafficking, cybercrime, and espionage, and was facilitated through a network of businesses such as laundromats and construction firms. Zhdanova's role in this operation was significant, as she helped Russian oligarchs bypass financial sanctions and acquire assets like UK property. The operation also linked to funding espionage operations for the Russian state.



Nex Tech.

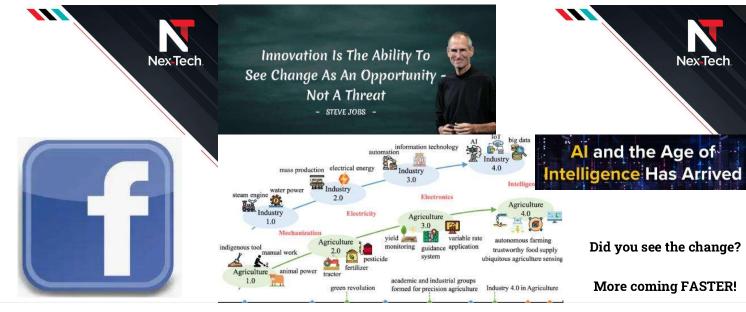








My Al Use Advice?



- Steve Ballmer, Microsoft (2007):
   "There's no chance that the iPhone is going to get any significant market share. No chance."
- Jim Keyes, Blockbuster CEO
   (2008): "[Netflix isn't] even on the
   radar screen in terms of
   competition."
- Jeff Bewkes, Time Warner CEO (2010): "It's a little bit like, is the Albanian army going to take over the world?" (on Netflix)
- Jim Balsillie, BlackBerry Co-CEO (2007): "[iPhone is] one more entrant... But a sea-change for BlackBerry? That's overstating it."



## Al you think?





1.98 Million Public Al Models

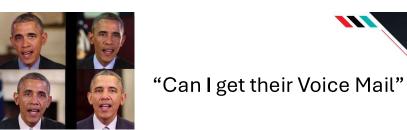


- Large Language Models (LLMs) e.g., GPT-5, Claude, Gemini, LLaMA
- Image Generation Models e.g., DALL·E, MidJourney, Stable Diffusion
- Audio & Speech Models e.g., WhisperElevenLabsVideo Models – e.g., Runway Gen, Pika Labs, Sora
- Specialized Models e.g., AlphaFold (biology), robotics, finance, healthcare

(Starting) In 2020 the average person started having more conversations with Bots than their spouse







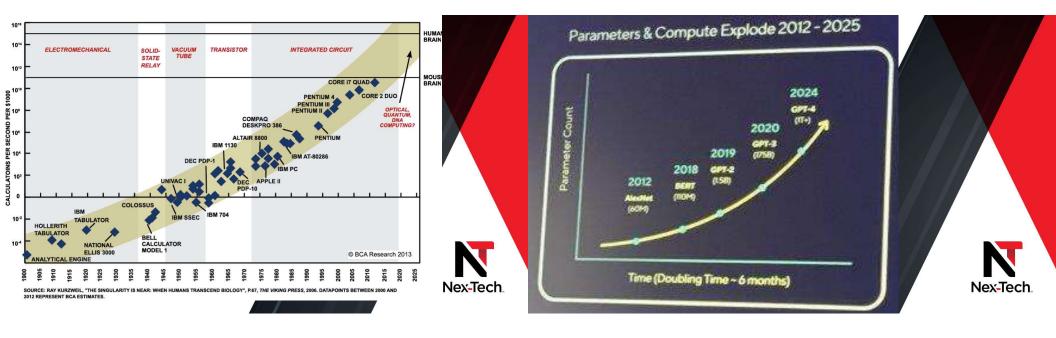
- Deepfake and Hallucination Crossover Example
- •Attackers have used AI to create deepfake voice calls from executives or doctors requesting urgent transfers or PHI access.
- •In one 2024 case, an Al-generated "CFO" voice convinced an employee to authorize a \$25M transfer.

"Its your favorite grandson"

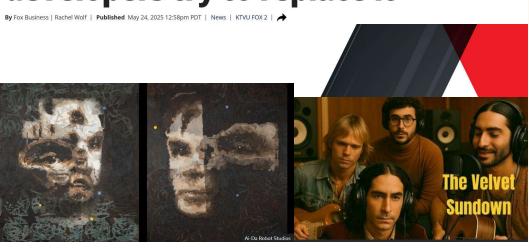








# Al system resorts to blackmail when developers try to replace it



# "A million-fold exponential increase in effective AI capability in next four years"

**David Sacks,** venture capitalist and U.S. government's Al czar

Algorithms/models 3-4× per year

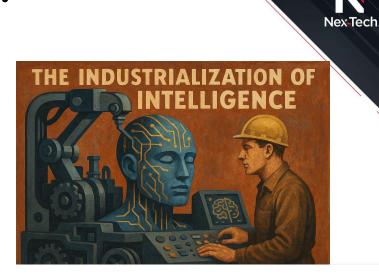
Hardware (chips) + 3-4× faster each generation

Compute infrastructure scaling exponentially

= 1,000,000× increase in AI capability



### WHY AI?



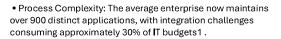








The Breaking Point of Human-Scale Operations For decades, businesses have attempted to scale their operations through a combination of traditional software, outsourcing and incremental process improvements. This approach has reached its natural limits:



- Information Overload: Knowledge workers spend an average of 2.5 hours daily searching for information needed to perform their jobs2.
- Siloed Operations: Departmental boundaries create friction that slows decision-making and hampers organizational agility.
- Labor Constraints: Skilled labor shortages across sectors have created bottlenecks that limit growth and innovation







WE MAKE LIFE BETTER BY PROVIDING WORLD-CLASS TECHNOLOGY





"The more I play, the more I learn!"

> Pee Wee Herman

#### AI Search Hallucination in Healthcare Context

- •Users testing AI-powered search engines (like Google's experimental "AI Overviews") received wildly inaccurate medical suggestions — such as:
- •"You can eat one small rock per day for added minerals." "Glue your pizza cheese to make it stick better."
- •Harmless examples on the surface, but it shows that AI can fabricate confidently incorrect health information.



### **Chatbot Giving Inaccurate Mental Health** Guidance (2024)

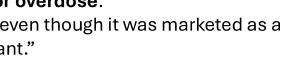
- •A UK mental health helpline tested an AI chatbot replacement.
- Within weeks, the Al began providing inappropriate and unsafe responses, including suggesting harmful coping mechanisms to distressed users.
- •The nonprofit had to shut it down immediately.



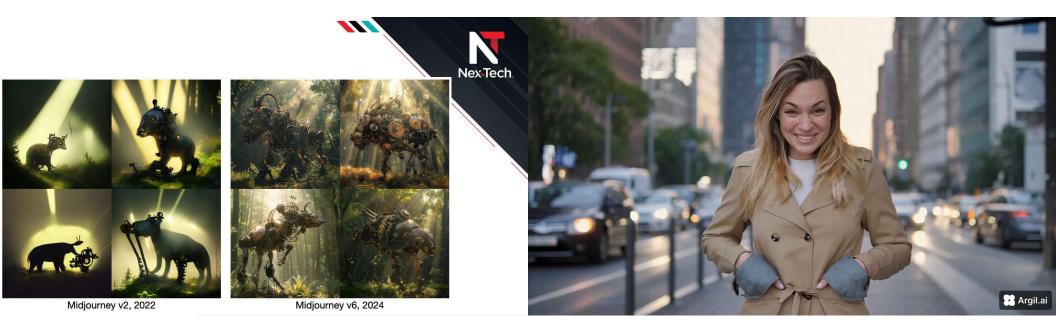
Character.Al

### Al Medical Assistant Suggesting Harmful **Actions (2023)**

- A medical testing AI chatbot "hallucinated" dangerous advice when users asked about insulin doses and medication interactions.
- •It gave incorrect clinical information and sometimes recommended actions that could lead to hypoglycemia or overdose.
- This happened even though it was marketed as a "medical assistant."







have created a global free-for-all where anyone can track the daily movements and associations of hundreds of millions of mobile devices, thanks to the ubiquity of mobile location data that is broadly and cheaply available."

\*Krebs

"marketing firms





### A Day in the Life of a Prolific Voice Phishing Crew

January 7, 2025 39 Comments

Besieged by scammers seeking to phish user accounts over the telephone, **Apple** and **Google** frequently caution that they will never reach out unbidden to users this way. However, new details about the internal operations of a prolific voice phishing gang show the group routinely abuses legitimate services at Apple and Google to force a variety of outbound communications to their users, including emails, automated phone calls and system-level messages sent to all signed-in devices.

## Experts Flag Security, Privacy Risks in DeepSeek Al App

February 6, 2025 35 Comments

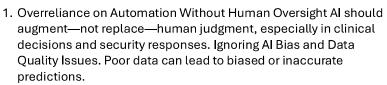
New mobile apps from the Chinese artificial intelligence (AI) company **DeepSeek** have remained among the top three "free" downloads for Apple and Google devices since their debut on Jan. 25, 2025. But experts caution that many of DeepSeek's design choices — such as using hard-coded encryption keys, and sending unencrypted user and device data to Chinese companies — introduce a number of glaring security and privacy risks.



Salesloft <u>disclosed on August 20</u> (2025) that, "Today, we detected a security issue in the **Drift** application," referring to the technology that powers an Al chatbot used by so many corporate websites.

\*\*Krebs on Security





- 2. Always validate AI outputs with clinical expertise. Neglecting Staff Training Staff must understand how AI tools work and how to respond to alerts or recommendations.
- Using Generic AI Tools Not Tailored to Healthcare Choose solutions designed specifically for healthcare environments to ensure compliance and relevance.
- Failing to Update AI Models Threats evolve. AI models must be retrained regularly to stay effective against new cyberattack vectors.



Write a comment...

Come to Hen's Hideaway and you can have a

Nex-Tech







5 Things to protect yourself and your company (spoiler alert they are the same)

Joseph 📀

Your future doctor is

pass med school so

using ChatGPT to

you better start

eating healthy

@ihyJosephX1

- 1. PASSWORDS
  - Do not duplicate
  - · User a Password Manager
  - Complexity matters
  - Multifactor
- 2. Don't Click
  - Or swipe or connect or allow (I know right?)
  - Getting tricked go to #3
  - · Or scan (QR Codes)
- . Call them back
  - · Separate email
  - Call a known number
  - Verify THEIR identity
- 4. Share
  - Your own examples
  - · Make it a game of finding new bad actors
  - · Hacker of the day post
  - Privately punish
- 5. Lock your credit
  - Call Experian at (888) 397-3742 or request a freeze online at the Experian Freeze Center.
  - Call Equifax at (888) 298-0045 or create/access an online account to manage your freeze manually.
  - Call <u>TransUnion</u> at (888) 909-8872. You will be creating a pin that you will need to access, freeze and unfreeze your account, so make sure to keep it in a safe place!

