

NEWSLETTER

NOVEMBER 2022



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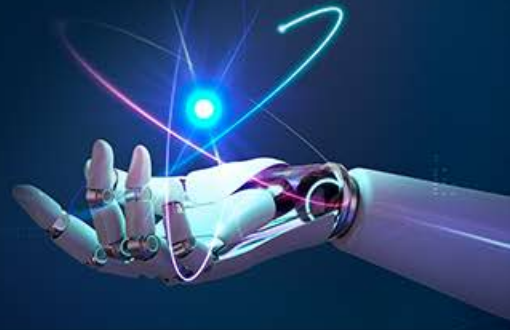


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WHAT IS IN THE 'AI BILL OF RIGHTS'?



The White House released the Blueprint for an AI Bill of Rights to help guide the design development and deployment of Artificial Intelligence and other automated systems so that they protect the rights of the American public. It is undeniable that automated and AI-powered technology is now touched nearly every aspect of human lives and has brought many benefits from cancer detection to agricultural efficiency. But it is often heard from a study or other person whose rights have been violated by these technologies. Moreover, these technologies drive real harms that run counter to core Democratic values including the fundamental right to privacy, freedom from discrimination, and basic dignity.

To answer this, the American government released the blueprint for an AI Bill of Rights which lays out five core protections from the harms of automated systems. These include

- 1) **Safe and Effective Systems** – You should be protected from unsafe or ineffective systems
- 2) **Algorithmic Discrimination Protections** – You should not face discrimination by algorithms and systems should be used and designed in an equitable way
- 3) **Data Privacy** – You should be protected from abusive data practices via built-in protections, and you should have agency over how data about you is used.
- 4) **Notice and Explanation** – You should know that an automated system is being used and understand how and why it contributes to outcomes that impact you
- 5) **Human Alternatives, Consideration, and Fallback** – You should be able to opt out, where appropriate, and have access to a person who can quickly consider and remedy problems you encounter.

These principles outline the kind of world to be lived in. The blueprint is focused on protecting people, protecting civil rights, and democratic values. Moreover, the blueprint represents the first step towards AI regulation in the United States, as other nations across the world, including China and the UK, establish more comprehensive AI legislation.

The implementation of the AI Bill of Rights would require a lot of stakeholders and it is going to require some self-regulatory action with Federal responsibility. The bill of rights can be used as a checklist for the policy or technologists can use them as a checklist for part of the design process. Even though we have had a few executive orders around artificial intelligence government, this AI Bill of Rights is fundamentally different because it is a broad contextualization of the harms and risks to civil rights and consumers from AI.

OTHER NEWSBYTES



FTX Declares Bankruptcy

FTX, the fourth-largest crypto exchange in the world filed for bankruptcy after facing a liquidity crunch. The liquidity crisis of FTX has caused fear amongst other crypto investors. Moreover, Bitcoin (BTC) and Ethereum (ETH) have both dropped more than 20% over the course of the first week of November 2022.



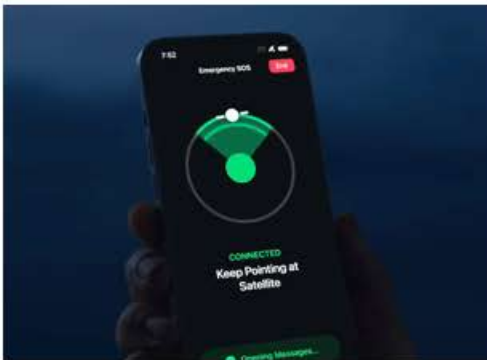
The cloud in orbit

Amazon used AWS on a satellite in orbit to speed up data analysis in a 'first-of-its-kind' experiment. AWS' software automatically reviewed images to decide which were the most useful to send to the ground. It also reduced the size of images by up to 42%. The success of the AWS demo demonstrated the capability to increase the satellite's productivity.



Google Updates Google Maps

The update just made electric vehicle owners' lives easier that allows search for fast charging stations. Moreover, an augmented reality feature called Search with Live View will be available in six cities on Google Maps. Google also added accessibility information to maps globally.



Emergency SOS via satellite on iPhone 14

Apple rolled out iPhone emergency SOS satellite alert service for its users. The service is free for two years with the newest iPhone model and allows you to text emergency services when you don't have cell service. Apple will spend \$450 million with U.S. companies, including Globalstar, to enable the emergency satellite texting feature.



Amazon announces new virtual healthcare service 'Amazon Clinic'

This new virtual care option will allow patients in 32 states to message clinicians through a secure portal to seek personalized treatments and prescriptions for common conditions related to common conditions like allergies, acne, and hair loss.



Microsoft brings casual games to Teams

To spruce up virtual meetings, Microsoft added a collection of casual games like Minesweeper and Solitaire to its Teams. This move is attempting to cast Teams as the premier destination for work, expanding on a product that exploded during the pandemic, when employees were forced to gather and collaborate virtually.



SUSTAINABILITY OF THE EMPLOYEES IN THE COMPETITIVE CORPORATE WORLD

In the past few decades, companies have used technology to automate and eliminate people wherever possible from work. Moreover, companies are integrating a set of technologies that are much more about how to empower the individual and be more effective in whatever they are trying to do. In fact, it is shifting the balance between the individual and the institution. Individuals are getting more and more power relative to institutions. This interesting transition can create pressure and stress as it is a new set of practices that could make people uncomfortable with that kind of change. However, it is expected to result in a business world where individual matters much more than they have in the past. This also results in increased stress on individuals to constantly perform better in the workplace for better appraisals and avoiding lay-offs.

To avoid that situation that causes stress and doubts about your performance at work, you should reintegrate passion into your profession. You need to introspect and ask yourself if this is exciting to me, is this something that motivates me to go to the next level of performance? Asking yourself these questions is important because we're in a world of increased competitiveness and pressure and certainly that's not going away or will decrease over time. Indeed, it is going to increase even further so if you aren't passionate about what you do, you are going to experience that pressure as stress and ultimately you will burn out or be marginalized. Therefore, you won't be successful in what you are doing. Those people who are successful are those who are passionate because then those pressures become exciting and consider it an opportunity to get to the next level.

Is having passion the only secret to performing better at the workplace? Unfortunately, it can't be answered with a simple yes or no. However, you can also check on certain basics that may work for you – clarifying expectations/objectives of the organization you work for, delivering the work within set deadlines, taking the responsibility to communicate your results, and asking for feedback from the team even if the project is successfully completed. What do you do to perform better at the workplace? How is your individual performance contributing to the team's success? What do you do differently to excel in your work performance?

WHAT IS NEW AT SGS?

COMPANY INSIGHTS

MULTI-TIERED SUPPORT SYSTEM

SGS developed a (Multi-Tiered Support System) solution that provides targeted support to struggling school students. It helps educators as well as child guardians (such as parents) provide academic and behavioral strategies for students with various needs. We have digitalized the entire process of bringing together general education teachers and other school employees to set goals, observations, interventions, and monitor the future progress of these students. The application improves access to early intervention, early identification, as well as academic and behavioral outcomes. It acts as an evidence-based model of schooling that uses data-based problem-solving to integrate academic and behavioral instruction and intervention.

NEED A DEMO? →



WHAT IS NEW AT SGS?

IT STAFFING

SGS is a leading IT staffing company in Florida with close to two decades of experience in providing qualified IT personnel to clients in the government as well as private sectors. The candidate we are spotlighting this month is an experienced **Tableau Developer**.

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JOB OPENINGS AT SGS



Business System Analyst

Remote



Senior Java Developer

Remote



PL/SQL Developer

Remote



DevOps Engineer

Remote



Oracle Developer,

Remote



Lead DevOps Engineer

Remote