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COURT TECH TALK

JUDICIAL COUNCIL OF GEORGIA
ADMINISTRATIVE OFFICE OF THE COURTS
INFORMATION TECHNOLOGY DIVISION

A CLOSER LOOK AT AI

Artificial intelligence (AI) has surged into public consciousness recently, but it's far from a new concept. At its core, AI involves creating computer systems capable of performing tasks that typically require human intelligence. These can include interpreting language, recognizing patterns, and making decisions. Though the foundational ideas of AI date back to the mid-20th century, recent advancements in technology and data analytics have propelled AI into a rapid development phase, making it more powerful and accessible than ever before.

An intriguing application of AI is found in Adobe Photoshop's generative fill feature. This tool uses AI to understand the context of missing parts of an image and fills them in seamlessly, effectively guessing what would naturally occur in the space. This kind of smart content generation allows creatives to repair or reimagine images with astonishing ease and accuracy.

In the realm of conversation and text, OpenAI's ChatGPT-4 stands out. This iteration of conversational AI models is capable of understanding and generating human-like text, facilitating everything from daily queries to complex discussions. It's not just about answering questions; ChatGPT-4 can compose poems, draft essays, analyze images, and even generate code, demonstrating the versatility and depth of modern AI.

Other applications highlight the breadth of AI's influence across different sectors. ElevenLabs offers a platform that synthesizes speech, allowing human-like voice to be created from only text. A similar tool like this was recently used for deepfake robocalls, impersonating the President. WestLaw's CoCounsel feature uses AI to provide lawyers with insights and information, much like a human colleague would, thereby enhancing legal research and decision-making processes. Meanwhile, Synthesia allows for the creation of shockingly realistic, digital avatars that can deliver scripted messages in various languages, making customizable video content more accessible and transforming how we engage with digital media.

Many of these tools are easily accessible to consumers, requiring little to no investment to get started. As we witness these advancements unfold, the potential of AI continues to grow, embedding itself further into the fabric of daily life. Whether enhancing artistic endeavors, aiding professional tasks, or revolutionizing communication, AI's impact is profound, shaping a future where technology extends the reach of human capability.

If you aren't already considering how AI might have an impact on your daily life (good or bad), it's beyond time to start. In addition to the aforementioned examples of modern AI applications, it is worth noting this entire article, save for this paragraph, was drafted with artificial intelligence.

Navigating Judicial Efficiency: A Data-Driven Approach

The Judiciary in Georgia, like courts everywhere, grapples with the challenge of managing an expanding backlog of all types of cases. Case management, the process of moving cases from filing to disposal, has long been a concern, with the efficiency of courts relying heavily on stakeholders' readiness to embrace change.

The Judiciary plays a crucial role in the lives of the people and the good governance of a country. The length of time to resolve cases remains a critical organizational challenge, affecting public confidence in the judiciary.

Currently, parties to the case drive the pace of civil litigation and delays often result from a lack of early court intervention to advance case resolution. Efficient justice systems prioritize early court intervention, emphasizing the judge's role in overseeing case progress.

Delays in case disposal have broader implications, including a loss of public confidence and an increased backlog. Actively monitoring case statuses and drawing attention to deadlines can reduce those delays. Delayed cases, with an unusual number of continuances or specific missing items, can be flagged to keep them moving and aid in preventing judges from approving additional, seemingly harmless, requests for another delay.

Addressing the goals of justice and resolving bottlenecks in caseflow requires a comprehensive approach that includes data collection, collaboration among stakeholders, and the thoughtful use of technology. Technology can be leveraged to manage data, measure justice outcomes, and generate insights. Automated case management systems reduce closure time, support the court technologically, enhance public access, and improve overall organizational services.

By embracing change, fostering collaboration, and prioritizing efficient processes, the Judiciary can enhance its role in delivering justice fairly, impartially, and expeditiously.

Cybersecurity Certifications

Cybersecurity certification provides assurance to our justice partners that our staff has demonstrated skills, knowledge, and experience with established security standards and requirements. Certifications help reduce risk in cybersecurity by ensuring that we follow laws, regulations, and best practices for our activities. It limits the risk from ineffective or insufficient security protections. Workers with professional certifications are more likely to succeed because they are better prepared to handle constant threats. Our agency invested in their professional development and is committed to helping them advance in their field.

Cybersecurity training helps us protect sensitive information from loss of financial and personal data, trade secrets, and intellectual property from unauthorized access, or theft, which can result in the harm to sensitive information, financial losses, and harm to an organization's reputation. It helps to protect individuals from identity theft by securing their sensitive Social Security numbers, credit cards, and other personally identifiable information. In the event of a cyberattack, a strong cybersecurity program can help ensure that business operations can continue uninterrupted.

A strong cybersecurity program helps us proactively identify and address potential security threats, improving our overall security posture and reducing the risk of a cyberattack.

Regular training in this constantly evolving field allows us to remain current on the latest threats and prevention measures, take new steps to protect our networks and data, and capitalize on the latest cloud security applications. Courses and certifications allow us to take advantage of opportunities to exchange ideas with peers, industry experts, and government leaders to help accelerate progress in Georgia's judiciary and enhance the security of our judicial data.

How-To Tech Tips with KRISTE & Amber

K & A

YouTube Keyboard Shortcuts

WOW!

Who doesn't love a keyboard shortcut? Check out this list of shortcuts you can use on YouTube!

- If you press the K or spacebar on your keyboard it will pause and resume playing videos
- Press J to rewind 10 seconds
- Press L to fast-forward 10 seconds
- Press F key to go to Full Screen
- Home takes you to the start of the video
- M mutes the sound
- Up and down arrows will turn the volume up and down

Create a WiFi QR code for your guests!

Visit QRStuff.com to create a unique QR code based on your network details. Make it fancier by printing it and mounting it in a frame from your favorite craft store to add a touch of class!

QUICK TIPS TO TRY IN 2024

- Instead of typing - Try the dictate function in Microsoft Word and Outlook when creating documents and emails.
- Process your emails faster by setting up Quick Steps in Microsoft Outlook. You can also set up Rules to automatically process your emails.
- Disable your Auto and Video by default when joining Zoom meetings.
- Interested in tips for Microsoft Teams Meetings? Watch a quick 2 minute video!
- Do you have a Microsoft 365 subscription? Navigate to Microsoft 365 Training for endless training at the click of your mouse. If you are interested or need more information on getting a Microsoft 365 subscription for your agency, please reach out! We would be happy to help.

MEETING & CONFERENCE HIGHLIGHTS

The Criminal Case Data Exchange Board (CDX) met in the JC/AOC's Ratley Conference Room on November 16, 2023. During that meeting, the board voted to adopt Standards for the Creation and Transmission of Electronic Criminal History Data, published on the CDX website. Pictured L to R are Amber Range, Michael Neuren, Ben Luke, Evan Gross, Gary Yandura, Greg Allen, Mike Holiman, Wade Padgett, Pete Skandalakis, Shannon Weathers, Bob Bray, Jordan North, Scott Dutton, Robert Thrower, Rhonda Westbrook, and Robert Smith

The 30th Annual ADR Institute hosted by the Georgia Office of Dispute Resolution was held at the State Bar of Georgia on November 16, 2023. Pictured L to R are Kriste Pope, Karlie Sahs, Chief Judge Cindy Morris, Tracy Johnson and the JC/AOC Child support staff Latoinna Lawerence, Noelle Lagueux-Avarez, Elaine Johnson and Kurt Bryan

The Court Technology and Support Services team attended the Council of Superior Court Judge's Winter Conference at the UGA Conference Center January 15-17, 2024. Pictured L to R are Amber Range, Ben Luke, Chief Technology Officer, and Kriste Pope

TRAINING CORNER

Do you have a suggestion for a training class? Are you interested in scheduling a one-on-one or group training on a specific topic? Our team can travel to you or schedule a remote session. Please contact us for consideration. Someone from our team will be in touch! We look forward to hearing from you.

Click Training & Development to bookmark upcoming training opportunities on our website!

2023 Training Stats

The Court Technology & Support Services team hosted 10 virtual trainings in 2023 benefitting over 400 members of the judicial community. We look forward to providing more training opportunities in 2024!

feedback

"Thank you for your training today. It was very insightful and extremely helpful. I am looking forward to using my new skill!"

"Great session, as always. Consideration of time constraints faced by participants is really helpful. Literally ate lunch today as I followed along. Great decision relative to timing."

"Today's training was extremely helpful."

"The MS Word Table Tips & Tricks was great! I learned some tips and tricks I did not know before. Kriste Pope and Amber Range were great."

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The Court Tech Talk newsletter is published by the **Court Technology & Support Services Team** of the JC/AOC IT Division led by **Ben Luke**, Chief Technology Officer

Michael Neuren, IT Programs Manager
Kriste Pope, Systems Analyst II
Amber Range, Systems Analyst

Please let us know how we can serve you better!

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We are here to support you, call us anytime!

Your Court Tech Talk Team, Michael, Kriste & Amber