

2023/2024 SPECIAL ISSUES



VB

VBLAB



2023/24 SPECIAL ISSUES

VENTUREBEAT SPECIAL ISSUES TOPICS

TOPICS IN AI

2023: The Year Artificial Intelligence Took Over - A comprehensive review of the most significant AI breakthroughs, trends, and milestones from the past year, as well as predictions for the future of AI in 2024.

AI in Healthcare: The AI Doctor Will See You Now - An in-depth exploration of how artificial intelligence is revolutionizing diagnostics, drug discovery, and patient care in the healthcare industry.

Data Privacy in the Age of AI: Safeguarding Our Digital Identities - Investigating the intersection of artificial intelligence and data privacy, looking at the tools and regulations that protect personal information in an increasingly data-driven world.

Chatbots: Chatbot Nation - The Rise of Conversational AI - A deep dive into the rapid evolution of chatbots and virtual assistants, their growing presence in customer service, and the implications for businesses and consumers.

The Ethics of AI: Building AI with a Conscience - Addressing the ethical considerations of artificial intelligence, including algorithmic bias, transparency, and the need for human-centric AI design.

AI in Finance: The Algorithmic Future of Finance - Uncovering the growing influence of artificial intelligence in the financial sector, from robo-advisors to fraud detection and risk management.

AI in Manufacturing: The Smart Factory Revolution - Investigating how artificial intelligence and automation are transforming manufacturing processes, increasing efficiency, and redefining the future of work in the sector.

AI in Retail: The AI-Powered Shopping Experience - Exploring the integration of artificial intelligence in retail, from personalized recommendations to inventory management and smart logistics.



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TOPICS IN AI CONTINUED

AI in Human Resources: The Algorithmic Workforce: AI's Role in Human Resources - Examining how artificial intelligence is streamlining and enhancing HR processes, including talent acquisition, employee engagement, and performance management.

AI in Entertainment: Lights, Camera, Algorithm! - Exploring the expanding role of artificial intelligence in the entertainment industry, from AI-generated content to personalized recommendations and marketing.

The Future of Autonomous Vehicles: The Road Ahead for Self-Driving Cars - A comprehensive look at the advancements in autonomous vehicle technology, regulatory challenges, and the impact on society and transportation infrastructure.

AI in Education: The New Classroom - AI-Powered Learning - Examining the role of artificial intelligence in transforming education, personalizing learning experiences, and preparing students for the workforce of the future.

AI in Agriculture: The Smart Farm: AI's Impact on Agriculture - Delving into the ways artificial intelligence is revolutionizing agriculture, from precision farming and crop health monitoring to autonomous tractors and smart irrigation systems.

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TOPICS IN SECURITY

Cybersecurity Landscape 2024: Exploring how AI, zero-trust, human-centric design, board involvement, cyber risk quantification, security as a competitive advantage and more, will shape the role of CISOs and their teams as 2024 unfolds.

AI in Cybersecurity: The AI-Driven Battle Against Cyber Threats - Investigating the crucial role of artificial intelligence in identifying, preventing, and mitigating cyber attacks, while also addressing the challenges and risks posed by AI-powered cyber threats.

Zero Trust: No Trust, No Problem - How to Secure Your Network in a World of Uncertainty – exploring how Zero Trust aims to prevent unauthorized access, data breaches, and attackers within the network and how leading companies are thinking about Zero Trust when it comes to strategic implementation.

The End of Passwords: Goodbye Passwords, Hello Convenience - How to Adopt Passwordless Authentication for a Seamless and Secure User Experience - A series of articles including case studies explores how passwordless authentication can reduce the risk of phishing, credential stuffing, and password reuse attacks, as well as improve user experience and productivity.

Challenges in Cloud Security: Cloudy with a Chance of Breaches - How to Overcome the Risks and Challenges of Cloud Migration and Operation – Diving into the new security challenges and risks posed by migrating data and applications to the cloud, requiring integrated security solutions, among other steps.

Generative AI and Security: Fake It Till You Make It - How Generative AI Can Create and Prevent Cyberattacks – A deep dive into the serious security threats posed by generative AI, including deepfakes, impersonation, phishing, malware generation, etc as well as privacy, consent, accountability and more.

XDR: Extraordinary Detection and Response – An investigation into how Extended Detection and Response integrates multiple data sources and technologies to provide a unified view of threats across the entire attack surface, and how XDR can help organizations overcome the challenges of siloed security tools, data overload, and skills shortage.



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TOPICS IN INFRASTRUCTURE

Data integrity & generative AI: How to manage your data properly to prepare for the age of generative AI - Exploring how to ensure and leverage data quality for generative AI and business innovation, including best practices, tools, and strategies for data integration, validation, protection, governance, and recovery.

Data Mesh: Meshing Up Your Data - How to Adopt a Decentralized, Domain-Oriented, and Interoperable Approach to Data Management and Infrastructure – Investigating how leading enterprise companies are implementing the new paradigm of the Data Mesh and leveraging modern technologies such as cloud-native, microservices, and event-driven architectures to enable scalable, resilient, and agile data infrastructure.

DataOps: Data at the Speed of Business - How to Accelerate Data Value Delivery with Agile and DevOps Practices – Exploring the concept, framework, and best practices of DataOps and how to adopt it in your organization including how organizations can use DataOps to achieve faster, better, and cheaper data outcomes by adopting a culture of experimentation, learning, and improvement.

Data Fabric: Weaving Your Data Together - How to Build a Unified and Intelligent Data Platform for the Digital Era – Exploring the components, capabilities, and benefits of data fabric -- including advanced technologies such as artificial intelligence, machine learning, metadata management, semantic layering, and graph databases to enable intelligent data discovery, integration, preparation, analysis, and consumption – and strategies of how to design and implement it in your organization.

Data Gravity: The Weight of Your Data - How to Optimize Data Placement and Movement in a Distributed World - Diving into how significant enterprise companies are having to rethink their existing investments – in data centers and other processing areas of their stack – and how moving applications or services closer to the data can improve performance, efficiency, and security in a distributed world.

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GAMESBEAT SPECIAL ISSUES TOPICS

AI in gaming: AI is becoming a big topic in all of tech, but it can have an especially big impact in gaming. AI could help the development process, helping to fill in vast open worlds or upscale graphics of older games. But will AI have a place in creating art for games, or will that work still belong to artists?

Creator economy: A whole business exists for people who make content about video games. This includes streamers who play games online for the entertainment of a audience, creators who make educational and/or humorous videos on YouTube, and professional competitive gamers and speedrunners. How do these creators manage their audiences and businesses?

Emerging markets: While places like Japan, North America, and Europe have long had thriving gaming markets, the industry is expanding into merging markets. What is the state of gaming in these blossoming territories, like Africa and India?

Diversity in gaming: Most people understand that the audience gaming extends beyond young men, but what exactly is the state of diversity in gaming in 2023? How do publishers market to different demographics while remaining inclusive, and just how big is the modern gaming audience?

The state of the metaverse: Is the metaverse still the future of gaming? How do we even define the metaverse now. Do we still think there will a single, all-encompassing metaverse, or will multiple games and social experiences co-exist?

Portable computer gaming: Valve's Steamdeck has opened a new door for handheld computer gaming devices. While handheld gaming used to be a seperate platform, Nintendo's Switch ushered a new age where these machines play the same games as PCs and consoles. We look at Switch, Steamdeck, and other handheld gaming devices and predict where this market will go.

The state of the accessories business: Be it controllers, mice, headsets, or speciality equipment, accessories are a big part of the gaming industry. Strong sales of accessories often mean that the industry at large is doing well. We talk with different accessory manufacturers and track down trends in this field.

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