CloudLabs to showcase its innovation for Higher Education at the 2023 EDUCAUSE Annual Conference

Spektra Systems' CloudLabs Platform to Showcase its Premier Hands-On Lab Solutions for Higher Education.

REDMOND, WA, UNITED STATES, October 5, 2023 /EINPresswire.com/ -- Spektra Systems' CloudLabs platform, the industry leader in providing hands-on labs for Advanced Technology Education, is set to exhibit at the upcoming EDUCAUSE Annual Conference, scheduled to take place at

CloudLabs to showcase its innovation for Higher Education at the 2023 EDUCAUSE Annual Conference.

McCormick Place, Chicago, from October 9th to 12th, 2023. Be sure to visit booth #1242, where CloudLabs experts will be unveiling the transformative power of its feature-rich Virtual IT-Lab platform and how it is streamlining technology course delivery in Higher Education institutions worldwide.

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We're excited to showcase our cloud-based hands-on lab platform at EDUCAUSE. Visit our booth to discuss challenges associated with hands-on training in technology education, and how we can solve them."

Amit Malik

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In response to the growing importance of Artificial Intelligence (AI) in today's educational landscape, CloudLabs is proud to announce its commitment to empower educators and institutions with cutting-edge cloud-based platform for AI training.

CloudLabs enables educator to seamlessly integrate practical, hands-on lab training throughout extended academic semesters, enabling seamless delivery of technology education in K-12, Higher-Ed, and Continuing Ed programs. Let's delve into the core benefits that CloudLabs provide:

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covers essential AI domains like Machine Learning, Deep Learning, Natural Language Processing, and Computer Vision—all within a user-friendly, secure, and scalable sandbox environment. Educators can effortlessly save valuable time that would otherwise be spent on setting up and deploying complex lab environments at scale.

 ☐ 𝗥𝗲𝘀𝗼𝘂𝗿𝗰𝗲 𝗨𝘁𝗶𝗹𝗶𝘇𝗮𝘁𝗶𝗼𝗻 𝗮𝗻𝗱 𝗕𝘂𝗱𝗴𝗲𝘁𝗶𝗻𝗴: CloudLabs empowers professors and administrators with comprehensive visibility into students' resource and credit utilization. This data aids in efficient course management and budget allocation. Educators can confidently assign precise budgets to students, ensuring optimal resource allocation and financial oversight throughout the semester.

 ☐ 𝗔𝗰𝗰𝗲𝘀𝘀𝗶𝗯𝗹𝗲 𝗔𝗻𝘆𝘁𝗶𝗺𝗲, 𝗔𝗻𝘆𝘄𝗵𝗲𝗿𝗲: Students and professors can access the labs from anywhere with an internet connection and a web browser. This level of accessibility ensures global reach and flexibility in education, making it suitable for various semester formats.

 ☐ 𝗧𝗶𝗺𝗲 𝗦𝗮𝘃𝗶𝗻𝗴𝘀: CloudLabs eliminates administrative overhead, enabling professors to focus entirely on teaching, free from the burdens of managing labs and resources.

 ☐ 𝗣𝗲𝗿𝘀𝗼𝗻𝗮𝗹𝗶𝘇𝗲𝗱 𝗣𝗹𝗮𝗻𝘀: Educators can effortlessly create personalized learning plans for their students within their existing Learning Management System (LMS), enhancing the overall educational journey for each student.

 ☐ 𝗧𝗮𝗶𝗹𝗼𝗿𝗲𝗱 𝗳𝗼𝗿 𝗟𝗼𝗻𝗴-𝗥𝘂𝗻𝗻𝗶𝗻𝗴 𝗖𝗼𝘂𝗿𝘀𝗲𝘀: CloudLabs empowers educators to create custom lab experiences tailored to long-running courses, enabling students to engage in lab exercises throughout the semester for a continuous learning journey.

 ☐ 𝗖𝗼𝘀𝘁-𝗘𝗳𝗳𝗲𝗰𝘁𝗶𝘃𝗲 𝗣𝗿𝗶𝗰𝗶𝗻𝗴 𝗠𝗼𝗱𝗲𝗹: CloudLabs offers a cost-effective pricing model based on consumption, allowing users to pay only for the time they utilize the lab environment while retaining saved states for extended periods.

 ☐ 𝗦𝗮𝘃𝗶𝗻𝗴𝘀 𝗮𝗻𝗱 𝗖𝗼𝘀𝘁 𝗥𝗲𝗱𝘂𝗰𝘁𝗶𝗼𝗻: CloudLabs helps reduce lab infrastructure expenses by an impressive 40% while granting access to state-of-the-art technology.

Educators can deliver impactful hands-on training to students, supported by a wide range of technologies, including:

 ☐ Cloud-based labs on AWS, Microsoft Azure, and GCP
 ☐ Artificial Intelligence (AI) labs
 ☐ Jupyter-based labs
 ☐ Virtual Computers (Windows | Linux | MacOS)
 ☐ Labs for Secure Research Enclaves
 ☐ Labs for Programming and System Engineering

With CloudLabs, educational institutions can provide their students with an unparalleled technology learning experience, regardless of the class size or semester duration. The platform offers unmatched speed, accessibility, and simplicity, transforming technology training into a seamless and engaging experience.

CloudLabs offers tools to:

Facilitate accurate expense tracking and budget forecasting with automated BI tool that displays daily cost reports and budgets for each student, offering transparency into their resource and credit consumption.
 Utilize robust automation frameworks to manage and distribute any number of tenant environments, offer credit-based lab environments and top-ups, and eliminate manual management.
 Access students' account details, including resource and credit consumption with the help of centralized student account management system.
 Control cloud costs with intelligent auto-suspend and delete capabilities, shutting down resources when they're not in use.

About EDUCAUSE

EDUCAUSE is a non-profit organization dedicated to advancing higher education through IT. The EDUCAUSE Annual Conference, a prominent annual event, serves as the largest gathering for educators and technology providers from around the world. It provides a platform to connect, collaborate, showcase new ideas, and foster initiatives to address challenges in the education sector. To find out more about EDUCAUSE, visit the http://www.educause.edu/annual-conference.

About CloudLabs

CloudLabs is a hands-on lab platform that enables immersive content experiences and allows consistent and seamless engagement through a virtual lab platform, practice test, and online hands-on learning environment. To learn how CloudLabs boosts better customer engagement and drives faster prospect generation with hands-on virtual IT labs for Training, POCs, and Demos. For more information, visit: https://www.cloudlabs.ai/

About Spektra Systems:

Spektra Systems is a partner-focused cloud solutions company. At Spektra, our mission is to enable technology partners for Microsoft, Amazon, and others to achieve more with the help of effective business and technology innovation. For more information, visit https://www.spektrasystems.com

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