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SenseTime launches joint lab for AI healthcare innovation in China

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The lab aims to enhance fundamental research in AI healthcare by establishing a collaborative innovation platform for medical professionals and researchers



SenseTime, the leading global artificial intelligence (AI) software company, has launched a joint lab with the West China Hospital of Sichuan University, a prestigious, word-class medical center located in Sichuan, China.

The West China Hospital will collaborate with SenseTime by leveraging its industry-leading AI technology and AI education expertise to bring more targeted talent development schemes. Under the collaborative framework, which aims to integrate the industry, academia, research, and medicine, the two parties are dedicated to nurturing the next generation of AI healthcare talents in a structured and systematic way.

The opening ceremony of the lab was hosted at the 125th anniversary of Sichuan University and 7th Conference on Biochemical Big Data and Artificial Intelligence, witnessed by a number of prominent medical experts, professors and researchers.

The lab will work on various medical specialties such as orthopedics, neurology, physiatry, radiology, cardiology, pathology, and medical ultrasound will effectively facilitate technology innovation that covers diagnosis, treatment to rehabilitation.

Currently, SenseTime's proprietary SenseCare Liver CT product has already been deployed in the West China Hospital. With key features such as intelligent detection of liver abnormalities including various focal lesions and diffused diseases, automatic 3D reconstruction of liver anatomical structures, multidimensional quantitative lesion assessment and customized preoperative planning, the software ensures highly accurate diagnoses and personalized treatment plans.

SenseTime's smart hospital solution, enables intelligent medical treatment process optimization, streamlined daily operations at the hospital and minimized the risk of cross-infection during the pandemic. Powered by the core capabilities of the SenseCore AI Infrastructure, SenseTime has been working with partners from different industry verticals to explore the numerous potentials of AI. Moving forward, SenseTime will continue to provide essential AI capabilities to the West China Hospital. The joint lab will be essential in supporting the West China Hospital to evolve into a leading smart hospital.