Joint NTU-AMD lab to boost data science and artificial intelligence training

AMD and NTU, with the support of the Singapore Economic Development Board (EDB), officially opened the NTU-AMD Data Science and Artificial Intelligence (DS&AI) Lab located at NTU’s School of Computing and Engineering.

The lab aims to nurture the next generation of tech leaders and innovators by equipping students with tech tools and skills in data science and AI education.

The lab is outfitted with AMD’s industry leading EPYC processors and Radeon Instinct MI50 accelerators which are designed with deep learning operations, precision performance, and hyper-fast memory. This injection of advanced technology in NTU’s DS&AI Programme will expose students to invaluable real-world machine learning and deep learning application, equipping them with the technical skills and knowledge to navigate and elevate Singapore’s DS&AI capabilities.

The collaboration leverages AMD’s deep-learning technologies and NTU’s global strengths in machine learning, AI and data science, and enables students to acquire practical experience through attachment and internship opportunities with AMD.

About 150 NTU students from NTU’s Bachelor of Science in Data Science and Artificial Intelligence
This partnership will better prepare students to tackle the challenges of an increasingly evolving and digitalised world driven by Industry 4.0, and help them get a head start in making their mark in the industry after graduation.

AMD’s AI and machine learning experts will work closely with NTU professors to conduct joint training and workshop sessions for industry members.

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Why?

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