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## **News Release**

### **DSTA STRENGTHENS COLLABORATION WITH CMU** **IN AI RESEARCH AND DEVELOPMENT**

Singapore's Defence Science and Technology Agency (DSTA) and the United States' Carnegie Mellon University (CMU) have signed a Memorandum of Understanding (MOU) to jointly collaborate on artificial intelligence (AI) research and development across a range of areas, including cybersecurity and robotics.

Under the agreement, both organisations will accelerate the pace of progression in AI and other areas of mutual interest, including existing and potential research projects, executive education programmes, faculty exchanges and the sharing of academic publications and scholarly information. This collaboration was announced on the sidelines of the Singapore Defence Technology Summit<sup>1</sup> 2023.

DSTA's Deputy Chief Executive (Information), Ms Gayle Chan, said, "Digital technology – particularly the robustness of AI – has reshaped the nature of business for governments and defence. DSTA forges partnerships with both industry players and academia to enhance Singapore's digital posture, and this continued collaboration with CMU will enable us to tap their deep pool of knowledge and insights on the latest AI technologies."

The new MOU also bolsters an existing agreement signed in 2020 between the two organisations. Leveraging CMU's expertise to build up DSTA's competency in

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<sup>1</sup> Hosted by DSTA, the Singapore Defence Technology Summit is a unique gathering of global tech leaders from government, industry, academia, and think tanks, to network, confer, and collaborate in the development of defence and security capabilities. Visit <https://www.techsummit.sg> for more details.

harnessing emerging technologies, CMU developed educational programmes for DSTA's staff, including courses on validation and verification of AI systems and computer vision.

Martial Hebert, Dean of CMU's School of Computer Science and University Professor of Robotics, said, "We look forward to this continued collaborative relationship between our researchers and DSTA. The AI-driven technologies we are investigating are in high demand by many users for a wide variety of applications, and we believe we can make great strides by working together."

Hebert was also part of a plenary discussion panel at this year's Tech Summit. The summit examined trends in the emergence of dual-use digital technologies and strategies adopted by organisations in the pursuit of digital superiority.

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#### About Defence Science and Technology Agency

The Defence Science and Technology Agency (DSTA) is a top-notch technology organisation that drives innovation and delivers state-of-the-art capabilities to make the Singapore Armed Forces a formidable fighting force. Harnessing and exploiting science and technology, our engineers and IT professionals leverage multidisciplinary expertise to equip our soldiers with advanced systems to defend Singapore. DSTA also contributes its technological expertise to support national-level developments. To achieve our mission, DSTA excels in systems engineering, digitalised platforms, cyber, software development and more.

Visit [www.dsta.gov.sg](http://www.dsta.gov.sg) for more information.

#### About Carnegie Mellon University

Carnegie Mellon is a private, internationally ranked research university with acclaimed programs spanning the sciences, engineering, technology, business, public policy, humanities and the arts. Our diverse community of scholars, researchers, creators and innovators is driven to make real-world impacts that benefit people across the globe. With an unconventional, interdisciplinary and entrepreneurial approach, we do the work that matters.

Visit [www.cmu.edu](http://www.cmu.edu) for more information.