

## DEFENCE TECHNOLOGY COMMUNITY DSTA SCHOLARSHIP - UNDERGRADUATE

The DSTA Scholarship offers those with a passion for science and technology the opportunity to provide advanced technological solutions for Singapore. Scholars can expect a meaningful career in the Defence Technology Community (DTC), which includes the Defence Science and Technology Agency (DSTA), DSO National Laboratories (DSO) and Centre for Strategic Infocomm Technologies (CSIT).

DSTA harnesses technology to provide leading-edge defence capabilities to the Singapore Armed Forces (SAF). We push the boundaries of innovation to create solutions in diverse areas spanning military platforms, sensors, information technology and defence infrastructure. As Singapore's national defence research and development (R&D) organisation, DSO's critical work fuses multi-disciplinary expertise into cutting-edge technologies and systems that cannot be commercially procured. CSIT bolsters Singapore's national security through R&D in the areas of telecommunications and infocomm technologies and develops and integrates these technologies to advance Singapore's strategic interests.

"A scholarship is much more than an educational opportunity – the real reward is the career fulfilment it offers. Through the DSTA Scholarship, I get to apply my engineering skills and knowledge on a daily basis by developing innovative and unique solutions that strengthen Singapore's air defence capabilities. As an air systems engineer in DSTA, I work closely with personnel from the Air Force to deliver enhanced performance and functionality on board their aircraft. It is both exciting and rewarding to be able to work on the latest defence technologies. Nothing beats the feeling of watching an aircraft take to the skies, equipped with new systems which I helped integrate into its functions."

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**Ashvin Kumar Jasvantlal**  
DSTA Scholar  
Engineer (Air Systems),  
DSTA





"When I was a secondary school student, I always had an interest in the latest PC games and this eventually led me to develop a passion for computers and computer hardware. I also knew that I wanted a career that would make a difference. That's why the DSTA Scholarship was perfect for me. It gave me the opportunity to develop my passion for technology and apply it to a meaningful purpose. As a DSTA Undergraduate Scholar, I read Information and Computer Engineering at the University of Cambridge in the UK and joined DSO after graduating. Today, my R&D work in machine learning and data analytics provides the SAF with key insights that are crucial to national security."



**Leonard Chan**

*DSTA Scholar*

*Member of Technical Staff, Cognition and Fusion Laboratory, DSO*

"Thanks to the DSTA Scholarship, I had the golden opportunity to study in the UK and also met wonderful friends at work in the DTC.

The scholarship also led me to a career that helps contribute to the defence of Singapore, my home. Data protection has become more important in recent years, and as a security research engineer at CSIT, I investigate security aspects of computers and devices, fixing bugs that could leave our private data vulnerable. I'm excited and privileged to be working on the forefront of technology that keeps our data safe!"



**Tan Xuan You**

*DSTA Scholar*

*Group Leader, Info Security Technology, CSIT*

