

DEFENCE SCIENCE AND TECHNOLOGY AGENCY

Heidi Chen Qianyi

DSTA Scholar

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Being involved in robotics since young sparked Heidi's fascination with the creative process of engineering. Building on this interest, Heidi took up the DSTA Scholarship which laid the foundations of an exciting career in defence technology.



Heidi had many memorable experiences while pursuing a Bachelor's degree in Mechanical Engineering at Cornell University under the DSTA Scholarship. For example, the engineering skills learnt helped Heidi to design and build an off-road vehicle from scratch, and her team even emerged champions of the race!



As a defence engineer, Heidi works on the acquisition of large calibre ammunition to enhance the Singapore Armed Forces' operational effectiveness. Her work is dynamic and exciting, including opportunities to provide technical support and advice during firing trials. Here's Heidi (right) with her teammate Siying examining a missile tube at a military exercise.

Heidi appreciates the strong culture of teamwork and collaboration in DSTA. "I am glad to have supportive supervisors and colleagues who are always open to share their expertise and advice with me," she says.

