

# Engineering Singapore's Defence

Not everybody can say that their job allows them to do what they love, but Chen MingYang can.

The IT manager derives satisfaction and meaning from his work on innovative cyber technologies in the InfoComm Infrastructure Programme Centre of the **Defence Science and Technology Agency (DSTA)**.

MingYang explains that his job provides rich scope to learn and contribute to Singapore's defence. "I research emerging trends in IT security, and create solutions that protect our defence information assets," he shares. "The work I do plays a role in safeguarding critical information. A lot of it involves being in touch with and harnessing the latest technology to develop innovative solutions."

An avid interest in cyber technology and programming had led him to apply for a position in DSTA after graduating with a Bachelor's degree in Computer Science from NUS in 2009.

Since then, MingYang has built technical expertise through exposure to diverse projects. "I think it is

the dream of many techies to work on advanced systems. In my work, I oversee the deployment and support of IT firewalls, and provide security consultation, audit and vulnerability assessments for key defence information systems," he says.

MingYang appreciates the strong drive for innovation and excellence in DSTA. "Our work encompasses a multitude of areas, and there are opportunities to be exposed to large-scale projects as well as different job scopes and experiences," he said. "Working in DSTA gives one the chance to tackle hands-on technical development work, as well as hone strong project management and leadership skills."

MingYang added that the working environment is inspiring and friendly: "Not long after joining DSTA, I had some ideas to improve system automation and maintenance. After discussing them with my team mates, we worked together to implement them and succeeded in raising work efficiency and reducing manual system maintenance efforts."



He concluded with a few tips for graduates looking to join the DSTA family: "Motivation and creativity are key qualities, as innovation is not possible with one and not the other. Working at DSTA allows me to contribute my knowledge, skill sets and make a significant impact to Singapore's defence."

Made to Be   
Greater



**DSTA CAREERS**  
For Greater Minds

Greater Minds seek the opportunity to use their ingenuity to serve a greater purpose. They aspire to apply their passion in science and technology to strengthen Singapore's defence and security.

At the **Defence Science and Technology Agency (DSTA)**, our Greater Minds are nurtured to have these remarkable qualities as it takes people of outstanding capabilities to drive our vision. We empower you to drive our mission of harnessing science and technology for the defence and security of Singapore. Join our team of Greater Minds who provide the Singapore Armed Forces its superior technological edge that makes it a formidable fighting force.

If you believe that you have the makings of a Greater Mind, begin your journey at DSTA to realise your full potential.

[www.dsta.gov.sg](http://www.dsta.gov.sg)

