

Annex A

FACTSHEET *Smart Nation Fellowship Programme*

Singapore is embarking on a journey to become a Smart Nation, with the aim of harnessing technology and data to improve the lives of citizens. As we build a Smart Nation, Singapore needs to develop a strong nucleus of innovative engineering and technology talent who are able to leverage cutting edge technology trends and build meaningful digital and data solutions that can help improve the lives of citizens.

In support of this whole-of-nation effort, IDA has launched the Smart Nation Fellowship Programme which aims to appoint top data scientists, technologists and engineers from academia and industry in Singapore and overseas to join the Singapore government for short stints of three to six months. They will work alongside data scientists and product developers from IDA's Government Digital Services (GDS) team, as well as users and developers from different government agencies, to apply data science and technology for the public good.

What's in it for the Fellows?

Fellows will get the opportunity to work on projects that have potential impact on public policy decision-making and operations, or public service delivery. They can either choose to work on digital and data projects that the GDS team has pre-identified, or propose new projects. These will include building transformational digital services applications and data analytics platforms.

Fellows will also be able to collaborate across government agencies on projects as well as engage with senior decision makers across government on the intersection of technology and public policy.

The Fellowship will offer two areas of "focus" to appoint fellows with varied skillsets to work on a range of data and digital projects:

- Fellows who focus on "Data" will help enable evidence-based decision making in government. They will develop and apply quantitative methods to visualise and analyse data to derive insights that help inform government policies and operations.
- Fellows who focus on "Tech" will help deliver useful digital services and products to citizens. They will design, build and deploy digital platforms and applications that help enhance the digital experience of citizens.

Fellowship requirements

Fellows will be chosen primarily on their technical expertise and proven ability to

produce data science or technology solutions that can be applied to real world problems.

Prerequisites

- Expertise in computer and social sciences, software development, data science, UI/UX design or technology-related disciplines (wireless and sensor networks, ICT and cybersecurity, Internet of Things)
- Previous experience leading or working on data or technology projects in academia; technology firms or private sector
- Able to work in Singapore for at least 3 months

Fellow Requirements

- **Academics:** Advanced Ph.D. candidates, post-doctorates, or tenure-track faculty (less than 3 years on the job)
OR
- **Industry:** Between 3 to 7 years of working experience

Senior Fellow Requirements

- **Academics:** Tenure-track faculty (more than 3 years on the job) or tenured faculty
OR
- **Industry:** At least 8 years of working experience

For more information on the Smart Nation Fellowship Programme, please visit <https://fellowships.data.gov.sg/>

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