Singapore Government ICT&SS Sector
Smart Moves Ahead

This brochure is for you to discover a multi-dimensional career in the Singapore Government's Information and Communications & Smart Systems (ICT&SS) sector. Opportunities abound for those passionate about championing tech for public good – from hands-on technical work to policy-making. Find out more about the opportunities across government agencies and ICT&SS domain areas below.

For more information, please visit https://techcareers.smartnation.gov.sg.

Our story is one of transformation. Together, we co-create a future of better living for all.
Be our new pioneers. Join us on the Smart Nation journey.

List of Government Agencies Featured with ICT&SS Career Opportunities

A*STAR

Agency for Science, Technology and Research (A*STAR). A*STAR drives mission-oriented research that advances scientific discovery and technological innovation. We play a key role in nurturing and developing talent and leaders for our Research Institutes, the wider research community, and industry.

Click here to discover ICT&SS career opportunities in A*STAR.

Highlights:

- Development Engineer (Automation/NDE), ARTC (*App Design, Development, & Deployment*)
- Application Developer, NSCC (*App Design, Development, & Deployment*)
- Scientist, Computing & Intelligence, IHPC (*Data Science & Artificial Intelligence*)
- Scientist / Research Engineer (Cybersecurity), I2R (*Cybersecurity*)
- IIoT Cybersecurity Research Engineer, I3 (*Cybersecurity*)

CPFB

Central Provident Fund Board (CPFB) serves more than 4 million CPF members, safeguarding $400 billion of their savings and helping them to meet their retirement, healthcare and home ownership needs. We pull together as one Team CPF, committed to enabling Singaporeans to have a secure retirement. We believe in your potential, and the CPFB Academy will help you grow professionally in your career with us. We care for you and your family, and our warm and friendly culture will make you feel right at home.

Click here to discover ICT&SS career opportunities in CPFB.

Highlights:

- IT Consultant (*Application Design, Development & Deployment, Cybersecurity, ICT Infrastructure*)
- Technology Graduate Appointment (NextGen Programme) – July 2021 Intake
- Application Consultant (Java) (*App Design, Development, & Deployment*)
- Application Consultant (Pega) (*App Design, Development, & Deployment*)
- Application Consultant (Cloud) (*App Design, Development, & Deployment*)
- System Engineer (Cloud Infrastructure)
- Security Consultant (*Cybersecurity*)
- Network Engineer (*ICT Infrastructure)*
- Data Engineer (*Data Science & Artificial Intelligence*)

Contact: HR_IT@cpf.gpv.sg

CSA

As Singapore harnesses technology to improve lives and livelihoods for all, it is imperative that our plans are built on a strong foundation of cybersecurity, without which we would be exposing ourselves to the multitude of threats that lurk in cyberspace. The Cyber Security Agency (CSA) was formed in 2015 and has been given the task of protecting Singapore's cyberspace. It is part of the Prime Minister's Office and is managed by the Ministry of Communications and Information.

Click here to discover ICT&SS career opportunities in CSA.

Highlights:

- Cybersecurity Development Programme (CSDP)
- Internship (Cybersecurity Awareness & Outreach)
- Internship (SG Cyber Talent)
- Internship (Technical Demonstrations in support of Penetration Testing)

Contact: csa_recruit@csa.gov.sg

CSIT

The Centre for Singapore Infocomm Technologies (CSIT) is the leading agency in MINDEF that conducts applied research and builds products which harness cutting-edge digital technologies to meet Singapore's national security needs. CSIT delivers technical excellence in areas of cybersecurity, software engineering, data analytics, and cloud infrastructure and services to support missions in cybersecurity and counter-terrorism.

Click here to discover ICT&SS career opportunities in CSIT.

Highlights:

Our Technology Domains	
Cybersecurity	a. Vulnerability Research b. Malware Analysis c. Penetration Testing d. Reverse Engineering
Software Engineering	e. Cloud Native Application Development f. DevOps g. Search Engine Technology h. Data Visualisation
Data Analytics	i. Data Analytics j. Machine Learning k. Natural Language Processing
Cloud Infrastructure & Services	l. Cloud Computing m. Platform as a Service n. DevOps o. Digital Workspace p. Smart Data Centre Technologies

CSIT Undergraduate Scholarship Head start to a fulfilling career as a CSIT scholar	
Learn More	https://www.csit.gov.sg/internships-scholarships/csit-undergraduate-scholarship

CSIT Internship Acquire new skills and gain valuable experience	
Learn More	https://www.csit.gov.sg/internships-scholarships/internships

Contact: connect@csit.gov.sg

DSTA

At the Defence Science and Technology Agency (DSTA), we thrive on developing the next breakthrough for the defence and security of Singapore.

What we do?

We develop and integrate next-generation defence systems and capabilities to safeguard Singapore. We also harness and exploit emerging technologies to create solutions that will boost Singapore's digital strength.

The multidisciplinary nature of our work in engineering, infocomm technology and cybersecurity will give you many opportunities to innovate and push the boundaries of science and technology.

Our diverse portfolio includes artificial intelligence, augmented/virtual reality, cybersecurity, data analytics, Internet of Things, machine learning, military platforms, robotics, sensors and unmanned technologies.

Why Join Us?

DSTA is committed to provide you with a multitude of opportunities by building your technical expertise and honing your competencies in multidisciplinary domains. Embark on a meaningful career to pursue your passion and realise your full potential in a community with rich expertise in infocomm technology and cybersecurity! Be equipped with leadership skills at every stage of your career.

What's next?

See possibilities through an internship, scholarship and career with us!

Highlights:

- Cybersecurity Engineer / Software Developer (*Cybersecurity*) and (*App Design, Development, & Deployment*)
- Cybersecurity Research Engineer (*Cybersecurity*)
- Artificial Intelligence Engineer (*Data Science & Artificial Intelligence*)
- Applications Developer (*App Design, Development, & Deployment*)
- Infocomm / Cloud Infrastructure Engineer (*ICT Infrastructure*) and (*Sensors & Internet of Things*)
- Software Developer/Engineer, Information Systems (*App Design, Development, & Deployment*) and (*Data Science & Artificial Intelligence*)
- Software Developer / Engineer, Enterprise IT (*App Design, Development, & Deployment*)
- Data Engineer (*Data Science & Artificial Intelligence*)
- User Experience Architect (*App Design, Development, & Deployment*)

Who to contact for enquiries?

- Careers: TechCareers@dsta.gov.sg
- Internship: internship@dsta.gov.sg
- Scholarship: hrscholar@dsta.gov.sg

GOVTECH

The Government Technology Agency of Singapore (GovTech) is the lead agency driving Singapore's Smart Nation initiative and public sector digital transformation. As the Centre of Excellence for Infocomm Technology and Smart Systems (ICT & SS), GovTech develops the Singapore Government's capabilities in Data Science & Artificial Intelligence, Application Development, Sensors & IoT, Digital Infrastructure, and Cybersecurity.

GovTech supports public agencies to manage enterprise IT operations and develop new digital products for citizens and businesses. GovTech is the public sector lead for cybersecurity, and oversees key government ICT infrastructure, as well as regulates ICT procurement, data protection and security in the public sector. GovTech is a Statutory Board under the Smart Nation and Digital Government Group (SNDGG) in the Prime Minister's Office.

Click here discover ICT&SS career opportunities in GovTech.

Highlights: *Application Development, Cybersecurity, Sensors & IoT, Data Science & AI and ICT Infrastructure –*

- Technology Associate Programme
- GovTech Internship Programme
- Software Engineer, DevOps Engineer (*App Design, Development, & Deployment*)
- Cybersecurity Specialist (*Cybersecurity*)
- Data Scientist (*Data Science & Artificial Intelligence*)
- Data Engineer (*Data Science & Artificial Intelligence*)
- Cloud Infrastructure Engineer (*ICT Infrastructure*)
- Cloud DevOps Engineer (*ICT Infrastructure*)

Contact: areyouit@tech.gov.sg

HDB

The Housing & Development Board (HDB) has shaped Singapore's skyline and landscape – building homes and transforming towns to create a quality living environment for all. Today, there are more than 1 million flats in 27 towns and estates across the island, which are home to over 80% of our population.

In building a new generation of public housing, we constantly seek to apply new design ideas and concepts to provide a complete live-work-play-learn environment for residents. With a wide range of opportunities available, you can play an integral part in redefining the future of public housing and improving the lives of Singaporeans. Join us and embark on a rewarding career in areas including Application Design & Development, Cybersecurity, Data Science, Artificial Intelligence, Geospatial, ICT Infrastructure and Internet of Things.

Click here to discover ICT&SS career opportunities in HDB.

Highlights:

- Systems Analyst / Systems Analyst (Software Engineering) (*App Design, Development, & Deployment*)
- IT Security Specialist
- Network Specialist (IoT Specialist)
- Systems Specialist
- HDB Internship Programme

Contact: career@mailbox.hdb.gov.sg | internship@mailbox.hdb.gov.sg

HTX

HTX (Home Team Science and Technology Agency) is a statutory board of the Ministry of Home Affairs, working at the forefront of science and technology to empower Singapore's frontline of security. HTX is the first of its kind Science and Technology Agency in the world that integrates a diverse range of science and engineering capabilities to innovate and deliver transformative and operationally-ready solutions for homeland security. We focus on such areas as biometrics, chemical, biological, radiological, nuclear and explosive threats, cybersecurity, artificial intelligence, forensics, robotics, automation and unmanned systems, and surveillance.

Click here to discover ICT&SS career opportunities in HTX.

Highlights:

- HTX Science & Technology (S&T) Associate Programme
- HTX Internship Programme

IHiS

Integrated Health Information Systems (IHiS) is a multi-award winning HealthTech agency appointed by the Ministry of Health to support Singapore's public healthcare sector. To date, we've been conferred over 80 awards for our innovations and collaborations with Singapore's public healthcare institutions to build HealthTech for a Healthier Nation.

We've also been endorsed by the Tripartite Alliance for Fair and Progressive Employment Practices (TAFEP) as a Human Capital Partner employer and was conferred the 2020 SkillsFuture Employer Award for our commitment to skills development, lifelong learning, and designing skills-based career pathways for our employees.

HealthTech straddles between two rapid-growth industries – healthcare and technology. In light of Singapore's ageing population and push towards a Smart Nation, we've been growing our workforce to meet evolving demands in healthcare tech services and will continue with our mission to nurture future talents in the industry.

Discover HealthTech career opportunities in IHiS.

Highlights:
- Systems Analyst (*App Design, Development & Deployment*)
- Software Engineer (*App Design, Development & Deployment*)
- Systems Engineer (*ICT Infrastructure*)
- Data Analyst (*Data Science & AI*)
- Cybersecurity Analyst (*ICT Infrastructure, Tech Policy and Governance*)

Accelerate your career and apply now at: graduate.careers@ihis.com.sg

IMDA

IMDA is the architect of Singapore's digital future; bringing together government, industry and people to harness the potential of technology in a digital world. There are three key focus of IMDA: Digital Economy, Digital Transformation and Inclusive Digital Society.

Digital Economy – Our goal as a nation is to be a leading digital economy. IMDA supports this goal, through sharpening Singapore's competitive edge by supporting companies to leverage digital technology.

Digital Transformation – ICT infrastructure is the foundational layer supporting all digital services that drives both social and economic activities. IMDA ensures that Singapore has the adequate ICT infrastructure to support these activities.

Digital Inclusive Society – IMDA seeks to develop an inclusive digital society to ensure that no one gets left behind as Singapore becomes more digitally connected.

Click here to discover ICT&SS career opportunities in IMDA.

Highlights:

- Application Developer
- Assistant Manager, ICT Network Security
- Assistant Manager, ICT Network and Infrastructure
- Assistant Manager, Project Admin and Software Development
- Assistant Manager, Project Management
- Assistant Manager, Research and Policy
- Data Engineer, Data Analytics
- Network Engineer, ICT Infrastructure
- Patent Analyst
- Software Engineer
- System Engineer, ICT Infrastructure
- Associate in Infocomm Media (AIM) (Graduate Programme)
- Internship

Contact: Chloe_Cheong@imda.gov.sg | Human_Resource@imda.gov.sg

IRAS

The Inland Revenue Authority of Singapore (IRAS) is the main tax administrator to the Government. We are committed to creating a future-forward tax system for the nation's 4.6 million taxpayers and beyond, and to partnering the community in nation building and inclusive growth. We believe in empowering every individual to build a dynamic team of competent and committed people who serve the nation with a strong sense of purpose and pride.

Click here to discover ICT&SS career opportunities in IRAS.

Highlights:

- Senior Infocomm Officer / Infocomm Specialist (Software Developer / Microservices) (*App Design, Development, & Deployment*)
- Senior Infocomm Officer / Infocomm Specialist (IT Security) (*Cybersecurity*)

Contact: lee_yi_hui@iras.gov.sg

LTA

The Land Transport Authority (LTA) spearheads land transport developments in Singapore. We plan, design, build and maintain Singapore's land transport infrastructure and systems. We aspire to strengthen Singapore's land transport connectivity and integrate a greener and more inclusive public transport system complemented by walk and cycle options. We harness technology to strengthen our rail and bus infrastructure and develop exciting options for future land transport.

Click here to discover ICT&SS career opportunities in LTA.

Highlights:

- Executive / Engineer (Asset Management Data & Analytics) (Data Analysis)
- Data Engineer / Scientist (Data Analysis)
- IT Analyst / System Analyst, IT Systems (IT applications, software development)
- Software Engineer (Digital Services)

Contact: priscilla_khong@lta.gov.sg

SLA

SLA develops support and encourage the adoption of Geospatial data, services and technologies as part of the government's move towards a Smart Nation. To maximise the impact of geospatial information and technology to realise these, SLA has launched the following initiatives.

GeoWorks: SLA launched GeoWorks, a geospatial-focused industry centre to foster a vibrant geospatial ecosystem between geospatial technology and service providers, users and public agencies. The centre aims to promote business growth, drive innovation and help build a vibrant geospatial community.

Geospatial Capability Centre: The Geospatial Capability Centre was established to build cutting-edge geospatial capabilities in-house, deepen Singapore's geospatial expertise and raise capabilities across the Public Service.

Geospatial Scholarships: An 10-agency supported Geospatial Scholarship was launched to offer local/overseas undergraduate and post-graduate scholarships in geospatial-related courses to qualified candidates.

Virtual Singapore: A detailed 3D digital platform of Singapore, that empowers agencies, research institutions and businesses to derive insights, develop solutions and run simulations using a large-scale city model of Singapore.

Geospatial Centre of Excellence: In partnership with GovTech, SLA is working to establish the Geospatial Centre of Excellence (GeoCentEx). The GeoCentEx will provide professional and technical expertise and support for agencies planning to adopt geospatial capabilities to improve business processes. At the same time, the GeoCentEx will formulate resourcing and talent development strategies to meet geospatial demand, as well as invest in research and development to identify emerging technologies that can build cutting-edge geospatial capabilities.

Click here to discover ICT&SS career opportunities in SLA.

Highlights:

- Manager, Data Warehouse Management (24-month contract)
- Principal Executive / Assistant Manager, Data Warehouse Management 24-month contract)
- Assistant Manager / Manager, Data Services 24-month contract)
- Senior Manager, Geospatial Industry Engagement & Development (24-month contract)
- Assistant Manager, Geospatial Engagement & Development (24-month contract)
- Online Content Programme Executive / Assistant Manager (6-month contract)
- Data Digitisers (3-month contract)
- Senior Hardware / Software Engineer (6-month contract)
- Web Programmers (3-month contract)

Contact: SLA_Recruit@sla.gov.sg

SNDGO

The Smart Nation and Digital Government Office (SNDGO), under the Prime Minister's Office (PMO) plans and prioritises key Smart Nation and digital government projects, raises the standards of Government ICT and services, builds long-term capabilities for the public sector, and promotes adoption and participation in digital and smart innovations. It takes a whole-of-nation effort, and we will actively engage the public, the industry and fellow agencies as we build a Smart Nation together.

Click here to discover ICT&SS career opportunities in SNDGO.

Highlights: *Tech Policy & Governance* **–**

- Assistant Manager / Manager (Standards, Cybersecurity & Quality Assurance)
- Assistant Manager / Manager (Data Security), Government Data Office
- Assistant Manager / Manager (Data Architecture), Government Data Office
- Assistant Manager / Manager (WOG ICT Infra)
- Intern (Data Strategy), Government Data Office

Contact: Guek_Shu_Min@pmo.gov.sg

For more information, please visit https://techcareers.smartnation.gov.sg.