Assistant Head, Services & Digital Economy Directorate

The National Research Foundation’s (NRF) mission is to promote and coordinate research and innovation activities in Singapore so as to create a vibrant, competitive and knowledge-driven economy.

Rapid advances in Infocommunications Technology (ICT) have lowered the cost of digital sensors, expanded computing power exponentially, and achieved ubiquitous connectivity – this has fundamentally altered business models in the services sector and created a whole new digital economy. Developments in artificial intelligence and deep machine learning can also bring about even more disruptive innovation.

The National Research Foundation (NRF) has set up the Services and Digital Economy (SDE) Directorate to facilitate the oversight of Singapore's research and development (R&D) plans in this exciting domain.

We invite applications for the positions of Assistant Head/Senior Officer for the Directorate.

Responsibilities

- Continual scanning of the technological trends, research and development landscape pertaining to digital technologies and innovations, including current and emerging research areas in computer science/engineering, electronics, mathematics and adjacent disciplines, sub-topics, and the key players involved;
- Consultations and collaborations with agency partners in the strategising, prioritisation, execution and translation of SDE's R&D programmes;
- Proactive management and evaluation of SDE’s R&D programmes through close consultations and dialogues with SDE’s R&D programme offices and research performers;
- Quantitative assessments of performance and impact of SDE’s R&D programmes;
- Staffing support to senior management and relevant committees in the ongoing governance of the R&D programmes, including progress status tracking for the various projects under those programmes.

Requirements

- Strong foundation in Computer Science/Engineering, Electrical/Electronic Engineering, Operations Research or other discipline(s) relevant to the Infocommunication Technology, at the tertiary level;
- Relevant working experience preferred but not required;
- Proactive self-starter with an analytical and creative mind;
- Strong results- and customer-orientation with multi-tasking capabilities;
- Possess excellent verbal and written communications skills.

Interested applicants may write in to Ms Patricia Neo at neo_gek_kien@nrf.gov.sg or 6684 2913.