NEC considers Digital Transformation as not just a trend but a movement with a strong enough influence to change the industrial structure. Social and business values increase when things and contexts are digitally connected, digitalized knowledge becomes common assets, and AI yields new findings. In order to create new value and achieve business innovation, we must make use of ICT. NEC will strongly promote Digital Transformation with all customers and partners in the world to achieve a sustainable society.

▼ Application
Click the link below to apply:
Application deadline: November 30, 2017

▼ Job description

① Researcher (Computing System)
- Computing System Technology (optimization software for high performance computing systems or embedded computing systems with vector processor, GPU, many-core processor and FPGA): Parallelization, vectorization and FPGA design technologies.

- Database technology (Scalable and high performance data management for multimedia information retrieval and multimedia data analytics): Data management technologies: Indexing and query processing for massive data. Preferable to those for multimedia data and/or unstructured data.

Human-data interaction technologies: interaction design between human and system to find out new things/insights from massive multimedia data.
Other preferable technologies: computer vision, pattern recognition, data mining, and machine learning, and Human-computer interface.

② Researcher (Networking System)
- Multimedia communication technology: design of transport protocol adaptive to wireless networks, remote control of physical systems and traffic prediction using time series analysis and machine learning.

- Wireless networking technology and ICT system design and operation technology

▼ Salary

■ Annual Income (Rough Estimate)
  [1st year] * including set-up allowance and compensation for travel expense
  - master- JPY 4,570,000
  - doctor- JPY 5,250,000

▼ Interview Location
Hong Kong, 2018 mid-January