HITACHI
Inspire the Next

Vision & Technology

Where the future begins

The strength of Hitachi's R&D lies in its centralized ownership of the technology platforms and knowhow integral to the Hitachi Group's operational technology (OT), IT, and products, as well as the five Hitachi sectors, allowing the Company to establish a value creation cycle that extends from collaborative creation to development, and further accumulation. Moreover,as Hitachi creates solutions that provide value to our customers, R&D efficiency continues to improve through the value creation cycle.

Production engineering

Optimizing Industrial Total Value Chain by IT x OT

Innovative production system for the optimization of global manufacturing and digital manufacturing with IT enable the optimization of total value chain including supply & engineering chain.

Controls

Advanced Control System for Safe and Secure Society

We realize a better life for all people by globally providing automatic control and electrification products with smart operational technology, which utilizes AI and IoT, such as control, state recognition and analytics.

Digital technology

Create value from data to accelerate digital innovation

We contribute to the expansion of social innovation businesses through R&D of digital technologies that support social infrastructure, data science, service computing, and computing architecture.

AI (Artificial Intelligence)

With our team of AI researchers, we aim to support dignified, diversified and sustainable society though the R&D of Human friendly AI, Explainable AI, Cyber physical AI, Collabotics and AI portal.

Systems engineering

Creating a better world through a systems approach

Staying ahead of changing societal needs, Hitachi is proposing original system concepts, and creating new systems and solutions based on those concepts and architecture to help realize a safer, more secure and comfortable "super smart society" (Society5.0).

You hear robotics, what do you imagine, science fiction? How about opportunity?
With the brainpower of the IoT platform, Hitachi's robots can access real-time data,
communicate with one another and work alongside us to improve quality of life.
You hear robotics, now imagine what we can accomplish together.

Career Opportunities

Computer Vision / Audio Processing / NLP Researcher

You will be assigned with the theme "Research & development of media (image, audio, language, sensor data, and so on) processing, recognition, analysis and utilization."
or "Audio and video recognition, machine Learning, human behavior analysis, human machine interaction, natural language processing, AR/VR system."(Application examples : video surveillance, biometrics, AI for robot, deep learning algorithm, worker support system, PRA system, management judgment support system)

Responsibilities	• Perform top notch scientific research in the assigned research topics • Contribute to the research project individually, and as Team Member. • Present and publish research results to scientific, business and general audience. • Publish papers in international conferences.
Requirements	• Basic knowledge of computer science, and experience of software development. • General knowledge in AI and Machine Learning • General knowledge in Deep Learning / Reinforcement Learning • General knowledge in Computer vision / Natual Language Processing / Audio processing • Good knowledge of Statistics is preferred. • Experience in writing scientific papers and presentations for international forums / conferences. • Ability of independent work as well as Teamwork. • Masters or PhD in Computer Science / Informatics / Systems / Mathematics. • Advanced English Level in Speaking / Reading and Writing

AI Robotics Researcher

You will be assigned with the theme "R&D on artificial intelligence and robotics (Advanced intelligent system for digital transformation targeting at social infrastructure, such as manufacturing, transportation, energy, etc.)"

Responsibilities	• Perform top notch scientific research in the assigned research topics • Contribute to the research project individually, and as Team Member. • Present and publish research results to scientific, business and general audience. • Publish papers in international conferences.
Requirements	• Basic knowledge of computer science, and experience of software development. • General knowledge in Machine Learning, and Statistics • General knowledge in Deep Learning / Reinforcement Learning • General knowledge in Computer vision/ Audio processing. • Experience in writing scientific papers and presentations for international forums / conferences. • Ability of independent work as well as Teamwork. • Masters or PhD in Computer Science / Informatics / Physics/ Mechanical Engineering • Advanced English Level in Speaking / Reading and Writing

Location	Kokubunji, Tokyo, Japan	**R&D Expenditure***	332.9 billion JPY (3.6% of total revenue) * Based on IFRS (International Financial Reporting Standards)
R&D Personnel	2,700	**PhD Holder**	959
Publications	https://www.hitachi.com/rd/portal/publication/index.html		

For more information, refer to our website at
https://www.hitachi.com/rd/index.html

Send your CV to rd.recruit.zb@hitachi.com
with "Application for xx Researcher position" as the title.