

NCS-Based KAIST Job Description – Research Position (Researcher)

Recruitment area	Research position	Classification system	Parent category	Sub-category	Sub sub-category	Sub sub-sub-category
			20. Information and Communications	01. Information technology	07. AI	01. Build a AI platform
			01. Information technology	07. AI		03. AI modeling
Mission	<ul style="list-style-type: none"> ○ Korea Advanced Institute of Science and Technology (KAIST) Act <ul style="list-style-type: none"> - Educating outstanding talent proficient in theory and practice as required in the fields of science and technology for industrial development - Carrying out the nation's mid- and long-term R&D, and basic and applied research to foster national competitiveness in science and technology - Providing comprehensive support to research conducted by other research centers and industries 					
KAIST's major businesses	<ul style="list-style-type: none"> ○ Education: Fostering creative talent, strengthening convergence education, nurturing global leaders in science and technology, strengthening human resource capacity ○ Research: Support for development of outstanding research projects, acquisition of specialized researchers, advancement of entrepreneurial culture, creation of high value-added intellectual property rights, promotion of technology transfer/commercialization, and development of large-scale, leading projects ○ Cooperation: Creating a working environment to be at par with global standards, and multifaceted cooperation for global leadership ○ Administration: Provision of administrative and technical service for international students/faculty (Support for operation of a "Korean-English bilingual campus") 					
Growth engines	<ul style="list-style-type: none"> ○ Vision: Global Value-Creative World-Leading University <ul style="list-style-type: none"> - Hub for Fostering Knowledge Creation and Global Convergence Talents - Center for the World-Leading New Knowledge and Technology) ○ Five innovation initiatives: Innovation in education, research, technology commercialization, globalization and future strategies ○ 3C Leadership: Change, Communication, Care 					
Duties and responsibilities	<ul style="list-style-type: none"> ○ AI learning platform development ○ AI algorithm development 					
Job performance details	<ul style="list-style-type: none"> ○ Develop AI algorithms for modeling/learning dynamical systems ○ Develop AI learning platform for modeling/learning dynamical systems ○ Develop Reinforcement Learning algorithm for controlling dynamical systems 					
Knowledge required	<ul style="list-style-type: none"> ○ Statistics and optimization ○ Artificial Intelligence 					

Required skills	<input type="radio"/> Python <input type="radio"/> Pytorch
Attitude while performing duties	<input type="radio"/> Responsible and Positive attitude <input type="radio"/> Attitude to solve problems creatively with a variety of possibilities <input type="radio"/> Attitude of pursuing continuous communication among team members.
Basic skills	<input type="radio"/> Programming <input type="radio"/> Optimization
Reference site	www.ncs.go.kr , www.kaist.ac.kr