



Curriculum Vitae

Personal Information

Title (i.e. Pf. Dr. etc)	Prof.	
Name (First name_ Last name)	Seokhwan Jeong	
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Curriculum Vitae

Seokhwan Jeong is an Associate Professor of Mechanical Engineering at Sogang University, Seoul, where he directs the Robotics and Intelligent Mechanisms (RIM) Laboratory. He received his B.S. from Yonsei University and his M.S. and Ph.D. in Mechanical Engineering from KAIST in 2018. From 2018 to 2020 he was a postdoctoral researcher in Department of Biomedical Engineering at the Georgia Institute of Technology, where he developed robotically steerable guidewires, pediatric neuroendoscopic tools, and soft hand rehabilitation exoskeletons.

His research focuses on tendon-driven robotic hands and grippers, compact actuators and variable transmission mechanisms, tendon tension and force sensing, and force-based control for physical AI manipulation. He serves as Technical Editor of IEEE/ASME Transactions on Mechatronics and Associate Editor of IEEE Robotics and Automation Letters. He received the Korea Robotics Society Young Scientist Award in 2025, and is a 2026 Fulbright Scholar.