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<b>Country</b>	Korea
<b>Major Field</b>	Artificial intelligence in endoscopy

### **Educational Background**

2011-2013 M.S. Electronics and Radio Engineering, Kyunghee University  
2005-2011 B.S. Electronic Engineering, Kyunghee University

### **Professional Experience**

2021-Present Ainex Corp, Software Development division  
2020-2021 Hanwha system, Artificial Intelligence SW division  
2013-2020 Hanwha, R&D division

### **Main Scientific Publications**

1. Deep learning-based prediction model for pathologic results of early gastric cancer using conventional white-light endoscopic images
2. Artificial Intelligence Assisted Endoscopic Diagnostic Model of Precancerous Gastric Lesions: Clinical application of artificial intelligence to predict metachronous recurrence after endoscopic resection of gastric neoplasms
3. Application of Artificial Intelligence in the Detection of Borrmann Type 4 Advanced Gastric Cancer in Upper Endoscopy
4. Clinical Evaluation Of An Artificial Intelligence System For Upper Gastrointestinal Endoscopy On Detecting And Diagnosing Gastric Lesions Pathologically Pre-Diagnosed With Atypia And Gastric Dysplasia: A Pilot Study
5. THE REAL-TIME AUTOMATIC ENDOSCOPIC DETECTION OF GASTRIC DYSPLASIA AND EARLY GASTRIC CANCER THROUGH ARTIFICIAL INTELLIGENCE-BASED SYSTEM: A PILOT STUDY
6. Comparison of Korean Embedding Performance using Pre-trained Model
7. Pragmatic analog network coding with relay selection for OFDM-based multirelay networks
8. Analysis on Average Sum Rate of Two-Way Relaying with Simple Analog Network Coding in Nakagami Fading Channels