



## Lee, Jun Pyo

이준표

Adjunct Professor, aSSIST

### RESEARCH AREAS

Computer Vision, Culture Technology  
Machine Learning, Deep Learning  
Artificial Intelligence  
AI-based Multimedia Network  
Streaming Technology, Virtual Reality  
Immersive Technology, New Media

### TEACHING AREAS

Computer Vision  
Machine Learning, Deep Learning  
Artificial Intelligence  
Software Engineering, Computer Programming  
Smart Factory  
New Media

### EDUCATION

Ph.D., Computer Science & Engineering, Hanyang University

### EXPERIENCE

- Professor, SungKyunKwan University
- Professor, Seoul Institute of the Arts
- Director, The Korea Society of Computer and Information
- Chief Software Engineer, LIG Nex1
- Software Engineer, Hanyang University (Institute of Engineering and Technology)
- Research Engineer, Korea Electronics Technology Institute

### PUBLISHED JOURNALS

- Realtime Media Streaming Technique Based on Adaptive Weight in Hybrid CDN2P Architecture, April 2021
- Cooperative Video Streaming and Active Node Buffer Management Technique in Hybrid CDN2P Architecture, Nov. 2019
- Optimal Video Streaming Based on Delivery Information Sharing in Hybrid CDN2P Architecture, Sept. 2018

## PUBLISHED JOURNALS

- Implementation of Bayes Classification Algorithm for Analyzing and Clustering Multi-dimensional Data, Sep. 2018
- Future Unmanned System Design for Reliable Military Operations, Sep. 2012
- Development of Creative Convergence Education Program for Engineering College Students, May 2018
- Aerial Video Summarization Approach based on Sensor Operation Mode for Real-time Context Recognition, June. 2015
- Performance Enhancement of Virtual War Field Simulator for Future Autonomous Unmanned System, Oct. 2013
- Fast Distributed Network File System using State Transition Model in the Media Streaming System, June 2012
- An Efficient Video Management Technique using Forward Timeline on Multimedia Local Server, Oct. 2011
- Development of Remote Control Station and Unmanned Ground Vehicle using Emergency Operation Technique in Combat Field Situation, April 2011
- Video Data Management based on Time Constraint Multiple Access Technique in Video Proxy Server, Oct, 2010
- An Optimal Video Editing Method using Frame Information Pre-Processing, July 2010
- Design of a Request Pattern based Video Proxy Server Management Technique for an Internet Streaming Service, June 2010