Junyoung Park

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EDUCATION

Chung-Ang University (Seoul, South Korea) Mar 2022 – Feb 2029(Expected)

Bachelor of Art and Technology
Bachelor of Science in Cyber Security(Convergence major)

RESEARCH EXPERIENCES

Chung-Ang University

Cyber Physical System Security Lab (PI: Jaewoo Lee)

Paper Submission Dec 2024 – Mar 2026

- Beyond Attack Success Rate: Temporal Logit Observability for LLM Safety Failures
- Persona Attack: Incremental Memory Injection Jailbreak Attack against Large Language Models
- Solving Non-IID problem on Federated Learning by communication round cost efficiency

Conferences Sep 2024 – Nov 2025

- A GraphRAG Framework for Financial Security Regulation
  (*The 2025 Fall Conference of Society for e-Business Studies*)

Industry-Academic Cooperation Research Dec 2024 – Mar 2025

- Real-Time Synchronization of Autonomous Vehicles in Cloud Computing Environments
  (*42dot Corp.*)

Software Registration & Copyright Sep 2025 – Nov 2025

- GraphRAG | *Korea Copyright Commission(Reg No. C-2025-062232)*
- GraphRAG | *National IT Industry Promotion Agency (NIPA) (Reg No. ASSET_0014943)*

Individual Study Sep 2025 – Nov 2025

- Distributed Unlearnable Example | *Korea Copyright Commission* (Reg No. C-2025-051859)

PROJECTS

Fairness-Aware Machine Unlearning for Face Landmark Detection Mar 2025 – June 2025
(*Project for Safe Artificial Intelligence*)

- Built a PyTorch CNN eye-localization model and analyzed how machine unlearning of Asian face samples affects demographic bias, then applied reweighting-based fine-tuning to improve fairness

On-device Machine Learning App Jan 2024 – June 2024
(*Personal Project for iOS App Project*)

- Developed a Swift-based iOS diary app that performs on-device emotion analysis with Create ML, stores emotion records via HealthKit, and visualizes mood trends with gamification user engagement features

Industrial Control System Anomaly Detection on the HAI Dataset Sep 2024 – Dec 2024
(*Project for Artificial intelligence and Security Technology*)

- Developed a Bidirectional LSTM Autoencoder-based time-series anomaly detection pipeline for identifying cyber-attack intervals in HAI industrial control system data