

Kyeong-Hwan Moon

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🔗 Google Scholar



Education

- Jul.2026 – Current **MS: graduate school of artificial intelligence in POSTECH, South Korea.**
- Mar.2024 – Aug.2026 **BS: School of Computer Science and Engineering** in Pusan National University.
GPA: 3.87/4.5
- Mar.2023 – Feb.2024 **BS: Department of Computer Engineering** in Dong-A University.
GPA: 4.5/4.5
- Mar.2020 – Feb.2023 **BS: Department of Civil Engineering** in Dong-A University.
GPA: 4.5/4.5

Research Experiences

- Aug.2025 – Feb.2026 **Summer Research Intern**, CVML, Kim Jaechul Graduate School of Artificial Intelligence, KAIST, South Korea.
- Feb.2024 – Jul.2025 **Undergraduate Research Student**, WAILAB, School of Computer Science and Engineering, Pusan National University, South Korea.
- Dec.2022 – Feb.2024 **Undergraduate Research Student**, AIDTLAB, Department of Computer Engineering, Dong-A University, South Korea.

Research Publications

Papers Published

- 1 **S.-G. Jeong***, K.-H. Moon*, and W.-J. Hwang, "Hqdetransformer: Hybrid quantum denoising transformer for time series forecasting", *Reviewing in Scientific Reports*, 2026.
- 2 S.-G. Jeong, **K.-H. Moon**, and W.-J. Hwang, "Hybrid quantum neural networks for efficient protein-ligand binding affinity prediction", *EPJ Quantum Technology*, vol. 12, no. 1, pp. 1–36, 2025.
- 3 **K.-H. Moon***, S.-G. Jeong*, and W.-J. Hwang, "Qsegrnn: Quantum segment recurrent neural network for time series forecasting", *EPJ Quantum Technology*, vol. 12, no. 1, p. 32, 2025, *These authors contributed equally as first authors. 🔗 DOI: 10.1140/epjqt/s40507-025-00333-6.
- 4 **K.-H. Moon**, S.-Y. Ok, and S.-H. Lee, "Supcon-mpl-dp: Supervised contrastive learning with meta pseudo labels for deepfake image detection", *Applied Sciences*, vol. 14, no. 8, p. 3249, 2024. 🔗 DOI: 10.3390/app14083249.
- 5 **K.-H. Moon**, S.-Y. Ok, J.-I. Seo, and S.-H. Lee, "Meta pseudo labels based deepfake video detection", *JOURNAL OF KOREA MULTIMEDIA SOCIETY*, vol. 27, no. 1, pp. 9–21, 2024, ISSN: 1229-7771.

Skills

Languages **English** (TOEIC 875).

Skills (continued)

Coding  Python, PyTorch, TensorFlow, Matplotlib, Pandas, Notion, Docker, Linux, PennyLane, C, C++, Java, ~~LaTeX~~

Miscellaneous Experience

Awards and Achievements

- Oct.2025  **Graduation Project**, Pusan National University, 2nd.
- Dec.2024  **The 2nd AID Beyond Scared Straight (AI Image Classification)**, Pusan National University, 2nd.
- Dec.2022  **The 2nd Fire Safety AI Prediction Competition in 2022**, Gangwon Fire Headquarters, South Korea, 2nd.

Others

- Dec.2024 – Oct.2025  **Chapp**, Personalized Community App Development Startup, Developer.
- Dec.2022 – Dec.2024  **SOAR**, App Development Team, Developer.

References

Available on Request