

Kyumin Kim

<https://km9mn.github.io>

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| Education | Pohang University of Science and Technology (POSTECH) <i>Pohang, Korea</i> M.S., Graduate School of Artificial Intelligence (GSAI) | <i>Sep 2023 - Aug 2025</i> |
| | Korea University (KU) B.Econ., Department of Statistics 20 Months Mandatory Military Service | <i>Seoul, Korea</i> <i>Mar 2017 - Aug 2023</i> |
| Interests | Agentic AI, Tool Use & Evaluation, Multi-Modal Intelligence | |
| Work Experience | LG CNS AI Researcher <i>Multi-Modal Intelligence Lab</i> | <i>Seoul, Korea</i> <i>Jan 2026 - Present</i> |
| | MakinaRocks Forward Deployed Engineer <i>FD Agent2 Team</i> | <i>Seoul, Korea</i> <i>Aug 2025 - Dec 2025</i> |
| Publication | Wonjin Lee*, Kyumin Kim* , Sungjae Lee, Jihun Lee, and Kwang In Kim, “Piece of Table: A Divide-and-Conquer Approach for Selecting Subtables in Table Question Answering”, under review, 2025 [link]. Seung-Woo Yang, Kwang-Sig Lee, Ju Sun Heo, Eun-Saem Choi, Kyumin Kim , Sohee Lee, and Ki Hoon Ahn, “Machine learning analysis with population data for pre pregnancy and perinatal risk factors for neurodevelopmental delay of offspring”, <i>Scientific Reports</i> , 2024 [link]. | |
| Research Experience | Machine Learning and Vision Group <i>Advisor: Kwang In Kim</i> | <i>GSAI, POSTECH</i> <i>Aug 2023 - Aug 2025</i> |
| | AI Center <i>Advisor: Kwang-Sig Lee</i> Research Assistant - Pregnancy and Prenatal Predictors for Neurodevelopment of School-Aged Children | Korea University Anam Hospital <i>Sep 2022 - Jun 2023</i> |
| | Machine Learning and Vision Lab <i>Advisor: Hyunwoo J. Kim</i> Undergraduate Research Intern - Scene Understanding Study, Machine Learning Study | Department of CSE, KU <i>Dec 2022 - Mar 2023</i> |
| Teaching Experience | [EECE695D] Deep Learning Theory at POSTECH | <i>Fall 2024</i> |
| Projects | Violence Detection and Filtering in Videos for Children and the Faint-hearted [link] Boostcamp AI Tech | <i>May 2022 - Oct 2022</i> |
| | CCTV Child Abuse Detection Project at Daycare Center [link] Data Youth Campus | <i>Jul 2021 - Aug 2021</i> |
| Extracurricular Activities | Smilegate Membership AI Violence Detection and Filtering in Videos for Children and the Faint-hearted | <i>Jul 2022 - Oct 2022</i> |

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| | Naver Boostcamp AI Tech - Computer Vision Track | <i>Jan 2022 - Jun 2022</i> |
| | Data Youth Campus 2021 at KU | <i>Jun 2021 - Aug 2021</i> |
| | Korea University Buddy Assistant (KUBA) | <i>2020 - 2023</i> |
| Military Service | 11th Infantry Division (Mechanized) ‘Hwa-rang’ K-21 Infantry Fighting Vehicle Gunner | <i>Sep 2018 - Apr 2020</i> |