Kyumin Kim

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Education	**Pohang University of Science and Technology (POSTECH)** *Pohang, Korea* MS Student, Graduate School of Artificial Intelligence (GSAI) *Sep 2023 -* **Korea University (KU)** *Seoul, Korea* B.A., Department of Statistics *Mar 2017 - Aug 2023* 20 Months Mandatory Military Service
Interests	Large Language Models, Table Understanding, Multi-modal Learning
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 prepregnancy and perinatal risk factors for neurodevelopmental delay of offspring", *Scientific Reports*, 2024 [link].
Research Experience	**Machine Learning and Vision Group** GSAI, POSTECH *Advisor: Kwang In Kim* *Aug 2023 -* **AI Center** Korea University Anam Hospital *Advisor: Kwang-Sig Lee* *Sep 2022 - Jun 2023* Research Assistant - Pregnancy and Prenatal Predictors for Neurodevelopment of School-Aged Children **Machine Learning and Vision Lab** Department of CSE, KU *Advisor: Hyunwoo J. Kim* *Dec 2022 - Mar 2023* Undergraduate Research Intern - Scene Understanding Study, Machine Learning Study
Teaching Experience	**Deep Learning Theory** at POSTECH *Fall 2024*
Projects	**Violence Detection and Filtering in Videos for Children and the Faint-hearted** [link] *May 2022 - Oct 2022* Boostcamp AI Tech **CCTV Child Abuse Detection Project at Daycare Center** [link] Data Youth Campus *Jul 2021 - Aug 2021*
Extracurricular Activities	**Smilegate Membership AI** *Jul 2022 - Oct 2022* Violence Detection and Filtering in Videos for Children and the Faint-hearted **Naver Boostcamp AI Tech - Computer Vision Track** *Jan 2022 - Jun 2022* **Data Youth Campus 2021 at KU** *Jun 2021 - Aug 2021* **Korea University Buddy Assistant (KUBA)** *2020 - 2023*
Military Service	**11th Infantry Division (Mechanized) 'Hwa-rang'** *Sep 2018 - Apr 2020* K-21 Infantry Fighting Vehicle Gunner