EUNKYU (EUNICE) PARK

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EDUCATION

Seoul National University Seoul, South Korea
*Integrated M.S.-Ph.D. in **Artificial Intelligence*** March 2021—Present

- Advised by Professor Gunhee Kim (VISION & LEARNING LAB)
- Research Areas: Bias-driven multimodal hallucinations, moral reasoning alignment, and trust calibration in Vision-Language Models

Columbia University in The City of New York New York, NY
*B.S. in **Computer Science, Intelligent Systems*** Aug 2017—May 2020

- Fu Foundation School of Engineering and Applied Science
- Relevant Courses: Analysis of Algorithms, Natural Language Processing, Computer Vision, Visual Interfaces, Spoken Language Processing, Introduction to Databases, Empirical Methods of Data Science, Artificial Intelligence

Bard College Great Barrington, MA
*B.A. in **Mathematics*** Aug 2014—May 2020

- Relevant Courses: Modern Algebra I, Modern Algebra II, Ordinary Differential Equations, Partial Differential Equations, Numerical Analysis

PUBLICATIONS (*denotes equal contribution)

Cognitive Chain-of-Thought (CoCoT): Structured Multimodal Reasoning about Social Situations *COLM 2026*
Eunkyu Park, Wesley Hanwen Deng, Gunhee Kim, Motahhare Eslami, Maarten Sap

HalLoc: Token-level Localization of Hallucinations for Vision Language Models *CVPR 2025*
Eunkyu Park*, Minyeong Kim*, Gunhee Kim

Critical or Compliant? The Double-Edged Sword of Reasoning in Chain-of-Thought Explanations *arXiv 2026*
Eunkyu Park, Wesley Hanwen Deng, Vasudha Varadarajan, Mingxi Yan, Gunhee Kim, Maarten Sap*, Motahhare Eslami*

MM-Scale: Grounded Multimodal Moral Reasoning via Scalar Judgment and Listwise Alignment *arXiv 2026*
Eunkyu Park, Wesley Hanwen Deng, Cheyon Jin, Matheus Kunzler Maldaner, Jordan Wheeler, Jason I. Hong, Hong Shen, Adam Perer, Ken Holstein, Motahhare Eslami, Gunhee Kim

EXPERIENCE

Human Computer Interactions Institute at Carnegie Mellon University Pittsburgh, PA
Visiting Researcher June 2025—Present

- Researching multimodal moral alignment and interactive user trust evaluations of Vision-Language Model generation at Professor Motahhare Eslami's lab
- Evaluating social biases in multimodal reasoning with respect to their effects on user trust, in collaboration with Professor Maarten Sap at CMU's Language Technologies Institute
- Investigating self-awareness and role-conditioned identity in Vision-Language Model reasoning, with a focus on how models' context-dependent "selves" influence moral reasoning and human trust.

VISION & LEARNING LAB at Seoul National University Seoul, South Korea
Ph.D. Candidate March 2021—Present

- Research interests in multimodal hallucinations, and human preference alignment of vision language models
- Conducted research on long-form video understanding models with Hyundai Motor Group AIR-LAB

Research Intern July 2020—March 2021

- Assisted research in developing models for Video Question and Answering benchmark that could expand to Drama-QA, TV-QA domains, eventually expanding to a multi-modal commonsense understanding framework
- Ranked top-10% in the 2020 AI Challenge hosted by the Ministry of Science and Technology

PION CORPORATION Seoul, South Korea

Machine Learning Engineer Intern July 2019—Sep 2019, April 2020—July 2020

- Developed a model extracting information such as an object's position, label, colors, coordinates from videos/images by masking objects with R-CNN and identifying them with YOLOv3 in a single frame
- Used Selenium for test-running the application, taking input images/videos from client to extract metadata and feed into the GAN training model

DATA SCIENCE INSTITUTE at Columbia University New York, NY

Undergraduate Research Assistant Feb 2020—May 2020

- Analyzed text data to investigate the relationship between users' demographic information and sentiment towards self-driving cars
- Studied patterns of interactions among users using python and visualized using Tableau
- Labeled comments with sentiment score to train a classification model to cluster segments by relevant topic.

ACADEMIC SERVICE

- **Reviewer: AAAI 2027 Program Committee,** IJCV 2025
- **Teaching Assistant at Seoul National University:** Computer Vision, Probabilistic Graphical Models, General Artificial Intelligence
- **Teaching Assistant for Corporate Training**: LG Energy Deep Learning Course

QUALIFICATIONS

- *Languages* - **Python • MySQL**
- *Libraries* - Pytorch • Tensorflow • AWS Lambda
- Fluent in English, Korean
- Interests in golf, playing the violin