YOUNGHAN PARK

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EDUCATION

The University of Texas at Austin, Austin, TX   May 2024
Exchange Student, Computer Science
- Relevant Coursework: Natural Language Processing, Spoken Language Technologies

Yonsei University, Seoul, South Korea   June 2025
Bachelor of Science, Computer Science
- GPA: 3.94/4.00, Rank: 3/171, **Academic Honors**: Fall 2020, Spring 2021, Spring 2023
- Relevant Coursework: Computer Vision, Big Data
- Activities: Competitive Programming Club, Yonsei University Google Developers Student Club, Yonsei AI Club
- Military Service (Jul 2021 - Jan 2023)

SKILLS

Technical Skills: C/C++, Python, PyTorch, TensorFlow, React, Node.js, MySQL, Linux, LaTeX
Languages: Fluent English(TOEFL 104/120), Native Korean

EXPERIENCE

Natural Language Processing and Computational Linguistics, UT Austin, Austin, TX   Aug 2023 - Present
Undergraduate Researcher, Advisors: Prof. Eunsol Choi, Prof. David Harwath
- Conducted research to identify the paralinguistic characteristics that enhance the effectiveness of human speech in dialogue settings.

Multimodal Intelligence Research Lab, Yonsei University, Seoul, South Korea   Feb 2023 - Present
Undergraduate Researcher, Advisor: Prof. Youngjae Yu
- Led a research project employing large-scale web traffic data for video highlight detection and moment retrieval, incorporating all video frame, audio, and text features.
- Learned about the process of research and paper writing, with the goal of submitting a paper to CVPR 2024, which is in the advanced stages of completion.

KATUSA(Korean Augmentation To the U. S. Army), USAG Humphreys   Jul 2021 - Jan 2023
Military Police / Sergeant, 557th MP CO, 94th MP BN, 19th ESC, Eighth U. S. Army
- Conducted law enforcement duties within the base to uphold public order and prevent criminal activities.
- Provided translation assistance to Korean National Police officers during U. S. Army personnel-related incidents.

Google Developers Machine Learning Bootcamp 2022   Jun 2022 - Sep 2022

PROJECTS

MouthMouse   Apr 2020 - Sep 2022
- Co-founded a startup that developed a novel, low-cost human interface device utilizing the oral cavity, enabling easier computer and mobile device usage for individuals with physical disabilities.
- "Control Apparatus Using Oral Cavity", Korea Patent Registration No. 10-2020-0140424.
  K. Hwang, G. Jang, W. Jeong, Y. Kim, **Y. Park**, and J. Yoo. All inventors contributed equally.

CO2Gather   Jan 2022 - Feb 2022
- Developed an NLP software analyzes card logs to automatically calculate potential savings, fostering sustainable collaboration between consumers, businesses, and governments.
- **Top 2 Winner**, KPMG Ideathon Challenge 2022 National Round, KPMG Korea

MaGam   Jan 2021 - Feb 2021
- Developed a computer vision-based full-stack web application for highly accurate mask detection by addressing the challenge of limited data using both classical and modern features.
- **Top 3 Winner**, KPMG Ideathon Challenge 2021 National Round, KPMG Korea

TEACHING EXPERIENCE

Computer Programming Tutor, Yonsei University Tutoring Program   Spring 2021