

Kunyoung Jung

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EDUCATION

Georgia Institute of Technology

August 2024 - June 2026

Master of Science, Computer Science

Korea Advanced Institute of Science and Technology (KAIST)

February 2023

Bachelor of Science, Computer Science

- **Coursework:** Data Structure, Discrete Mathematics, System Programming, Introduction to Database System, Linear Algebra, Operating System, Introduction to Machine Learning, Machine Learning for Trading, Software Development Process, AI Ethics and Society

WORK EXPERIENCE

Mignon and Mignon

February 2023 – February 2024

Software Engineer

Irvine, CA

- Designed and implemented an inventory management system using Flutter and Firebase, resulting in 30% improved inventory accuracy and reduced stockouts
- Developed automated order processing software with Python and Shipstation API integration, reducing preprocessing time by 55% and increasing daily fulfillment capacity by 40%
- Led IT support initiatives for cross-functional teams, resolving technical issues with a 95% same-day resolution rate

Electronics and Telecommunications Research Institute (ETRI)

January 2021 – February 2021

Research Intern

Daejeon, South Korea

- Contributed to development of computer vision models utilizing TensorFlow to detect repetitive motions that cause musculoskeletal injuries in industrial environments
- Preprocessed and augmented training datasets for deep learning models, improving recognition accuracy by 15%

Fiberpia

February 2017 – May 2017

Undergraduate Intern

Daejeon, South Korea

- Assisted in the development and testing of fiber optic sensor technologies for environmental monitoring applications
- Contributed to research that resulted in a published paper on landslide detection systems using distributed fiber optic sensing
- Supported product development team by prototyping sensor deployment configurations for field testing

PROJECTS

Frozen Notes

February 2024

- A reading companion application where users can rate, annotate, and share comments on books. (Flutter/Firebase) [Github](#)

Caffeine Tracker

February 2024

- A caffeine-intake tracking application where users can choose espresso menus from popular cafe franchises and track their caffeine-intake. (Swift) [Github](#)

Silent Speaker

December 2020

- Participated in Hands in Hands Hackathon and utilized the Korean Sign Language data set to develop a smart speaker system for deaf people. (Python) [Github](#)

SKILLS

Programming Languages: Python, C, Java, JavaScript, Dart, Kotlin, Scala, SQL

Developer Tools: Git, VS Code, Android Studio, IntelliJ

Frameworks & Libraries: Flutter, Firebase

Languages: English, Korean