

# William June Suk Choi

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## About

I am a Ph.D. student in the Graduate School of AI at KAIST, advised by Prof. Kimin Lee and Prof. Jinwoo Shin. I received my B.S. in Computer Science from KAIST. I am currently interested in AI safety, with a focus on diffusion models and large language models.

## Education

<b>Korea Advanced Institute of Science and Technology (KAIST)</b> <i>Ph.D. Student in Artificial Intelligence</i>	Sep. 2023 – Present
<b>Korea Advanced Institute of Science and Technology (KAIST)</b> <i>B.S. in Computer Science (summa cum laude)</i>	Mar. 2019 – Aug. 2023

## Publications

C: Conference, W: Workshop, P: Preprint, \*: Equal contribution, †: Equal advising

- [C3] **DiffusionGuard: A Robust Defense Against Malicious Diffusion-based Image Editing**  
June Suk Choi, Kyungmin Lee, Jongheon Jeong, Saining Xie, Jinwoo Shin, Kimin Lee  
International Conference on Learning Representations (ICLR), 2025
- [C2] **DiffExp: Efficient Exploration in Reward Fine-tuning for Text-to-Image Diffusion Models**  
Daewon Chae\*, June Suk Choi\*, Jinkyu Kim†, Kimin Lee†  
AAAI Conference on Artificial Intelligence (AAAI), 2025  
Oral Presentation
- [C1] **Collaborative Score Distillation for Consistent Visual Editing**  
Subin Kim\*, Kyungmin Lee\*, June Suk Choi, Jongheon Jeong, Kihyuk Sohn, Jinwoo Shin  
Conference on Neural Information Processing Systems (NeurIPS), 2023
- [P1] **MobileSafetyBench: Evaluating Safety of Autonomous Agents in Mobile Device Control**  
Juyong Lee\*, Dongyoon Hahm\*, June Suk Choi\*, W. Bradley Knox, Kimin Lee

## Academic Services

- **Journal Reviewer:** Transactions on Machine Learning Research (TMLR)

## Honors & Awards

<b>Dean's List, KAIST College of Engineering (2020F)</b>	Jan. 2021
<b>National Science and Engineering Undergraduate Scholarship</b>	May 2020

## Experience

<b>Chief Technology Officer (CTO) and Co-founder</b> PLUME.D	Jan. 2022 – Jan. 2023
◦ Proposed startup idea and implemented the prototype version of the company's software, AvaKit.	