Taiki Kanaya

M.S. Student in Computer Science, Keio University

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Education

M.S. **Keio University**, M.S. in Engineering — Open Science Curriculum – Yokohama, Japan 2026–2028 (expected)
- School of Informatics, Management, and Human Sciences; Advisor: Prof. Hideo Saito

B.E. **Keio University**, B.E. in Information and Computer Science – Yokohama, Japan Apr 2022 – Mar 2026

University of California, Berkeley, Summer Sessions – Berkeley, CA June 2024 – Aug 2024
Coursework: CS 61BL (Data Structures); CS 188 (Artificial Intelligence)

Publications

AnyGroundBench: A Specialized-Domain Benchmark for Video Grounding in Vision-Language Models July 2026
Rintaro Otsubo, Ryo Fujii, Reina Ishikawa, **Taiki Kanaya**, Kanta Sawafuji, Hiroki Kajita, Shigeki Sakai, Hideo Saito, Ryo Hachiuma
(arXiv:2607.02269)

Profile-Specific 3DMM Regression from a Single Lateral Face Image June 2026
Taiki Kanaya, Hideo Saito
(Proceedings of the IEEE/CVF CVPR Workshops (CVPRW))

Experience

Hideo Saito Laboratory, Keio University, Student Researcher – Yokohama, Japan Nov 2024 – present
- Developed a profile-specific 3D face reconstruction model that predicts FLAME parameters from a single lateral face image.
- Built a synthetic-data pipeline and generated 100,000 paired training samples to address the scarcity of profile-view data.
- Designed an evaluation protocol emphasizing silhouette and visible-region accuracy for extreme-profile reconstruction.

Keio University, Teaching Assistant – Yokohama, Japan Apr 2026 – present
Laboratories in Information and Computer Science

AI Best Partners, Engineering Project Manager (Contract) – Tokyo, Japan Sept 2025 – present

AI Best Partners, Software Engineer (Contract) – Tokyo, Japan Oct 2024 – Aug 2025

Scholarships

JASSO Type I Scholarship for Master's Students 2026

Keio International Human Resource Development Funds for Study Abroad 2024

Skills

Languages: Python, C++, JavaScript, Java, C

ML and Computer Vision: PyTorch, OpenCV, LightGBM

Tools: Git, Docker, Linux