

Wataru Ikeda

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EDUCATION

Keio University, Yokohama, Japan

Apr. 2024 – Present

M.S. in EGINEERING

- Advisor: Dr. Mariko Isogawa
- Research Interests: Human Motion, Egocentric Vision, Event-based Camera

Keio University, Yokohama, Japan

Apr. 2020 – Mar. 2024

B.S. in EGINEERING

- Advisor: Dr. Mariko Isogawa
- Undergrad Thesis: 3D Human Pose Estimation using Egocentric Event data

PUBLICATIONS

International Conferences

- **Wataru Ikeda**, Masashi Hatano, Ryosei Hara, Mariko Isogawa, “Event-based Egocentric Human Pose Estimation in Dynamic Environment”, *ICIP*, 2025.
- Ryosei Hara, **Wataru Ikeda**, Masashi Hatano, Mariko Isogawa, “EventEgoHands: Event-based Egocentric 3D Hand Mesh Reconstruction”, *ICIP*, 2025.

Domestic Conferences

- 池田航, 五十川麻理子, “D-EventEgo : 動的環境における一人称視点イベントカメラを活用した三次元人物姿勢推定”, *MIRU*, 2024.
- 原涼成, 池田航, 五十川麻理子, “動的背景下におけるイベントカメラを用いた三次元人物手指形状推定”, *MIRU*, 2024.
- 出口裕之*, 池田航*, 堀涼介, 五十川麻理子, 斎藤英雄, “EventPointMesh in Realtime : イベント情報のみを用いた三次元人物姿勢および形状のリアルタイム推定”, *MIRU*, 2023. (*Equal contribution)

AWARDS

- **Wataru Ikeda**, Mariko Isogawa, MIRU Interactive Presentation Award  (Poster, Top 4.3%), *MIRU*, 2024.
- Hiroyuki Deguchi*, **Wataru Ikeda***, Ryosuke Hori, Mariko Isogawa, Hideo Saito, MIRU Demo Presentation Award  (Demo, Top 1), *MIRU*, 2023. (*Equal contribution)

GRANTS

Japan Student Services Organization (JASSO) Scholarship

Apr. 2024 – Mar. 2026

EXPERIENCE

NEC Corporation

Aug. 2024 – Sep. 2024

Research Intern

- Visual Intelligence Research Laboratories team during Summer 2024 internship
- Worked on spatio-temporal prediction using world models.

CyberAgent, Inc.*Data Science Intern**Jul. 2024 – Aug. 2024*

- Kiwami Prediction AI team during 2024 Summer internship
- Developed models to predict advertising effectiveness from video data.

Lightblue, Co., Ltd.*Engineering Intern**Mar. 2022 – May. 2024*

- Developed AI systems using deep learning and edge computing technologies.

SKILLS

Computer Programming: Python, C++, C, Java, SQL, JavaScript, TypeScript, HTML/CSS**Deep Learning Tools:** Pytorch, Tensorflow**Others:** Git/GitHub, Docker, Blender, Unity, Linux (Ubuntu)