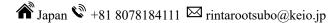
Rintaro Otsubo



Education

Keio University

M.Eng. in Computer Science, GPA 3.88

Keio University

B.Eng. in Department of Information and Computer Science

RWTH Aachen University

Computer Science, an exchange program

April 2025 - March 2027 (Expected)

Tokyo, Japan

April 2021 - March 2025

Tokyo, Japan

October 2023 - July 2024

Aachen, Germany

Research Experience

Hyper Vision Research Laboratory, Keio University

April 2024 - today

Machine Learning and Computer Vision Research under Professor Hideo Saito

Carnegie Mellon University

August 2025 - today

Collaborate Research with Professor. Min Xu

International Conference

- Players tracking and identification for minimap generation in American football, <u>Rintaro Otsubo</u>, <u>Kazami Ishii</u>, <u>Hideo Saito</u>, <u>Meeting on 8th International ACM Workshop on Multimedia Content Analysis in Sports</u>, <u>Dublin</u>, <u>Ireland</u>, 2025
- Hand Held Multi-Object Tracking Dataset in American Football, <u>Rintaro Otsubo</u>, <u>Kanta Sawafujii</u>, <u>Hideo Saito</u>, <u>Meeting on 8th International ACM Workshop on Multimedia Content Analysis in Sports</u>, <u>Dublin</u>, <u>Ireland</u>, 2025
- Jersey Number Recognition for American Football with SoccerNet Dataset, <u>Rintaro Otsubo</u>, <u>Kazami Ishii</u>, <u>Hideo Saito</u>, <u>Meeting on International Workshop of Frontiers of Computer Vision 2025</u>. Seoul, South Korea, 2025
- Player Position Tracking Through Bird's-Eye View Conversion of Handheld American Football Videos, <u>Kazami Ishii</u>, Rintaro Otsubo, Hideo Saito, Meeting on International Workshop on Frontiers of Computer Vision 2025. Seoul, South Korea, 2025

Awards and Scholarship

- Ranked 5th in the SoccerNet 2025 Monocular Depth Estimation Challenge @ CVPR Y.Kageyama, R.Itsuji, R.Otsubo, K.Sawafuji, T.Kurihara, T.Abe, H.Saito
- KLL (Keio Leading-edge Laboratory of Science and Technology) Master's Research Grant 250,000 yen to promote talent in the field of science and technology
- Japan Student Organization

 Awarded a scholarship for the exchange program

Industrial Experience

Co-founder, Hicrea Co.Ltd

May 2024 - today

Co-founded as a ML engineer and participated in the strategy planning.

Tokyo, Japan

• Developed Time Series models for future sales
Implemented state-of-the-art deep learning models and classic models tailored to product requirements

• Led MLOps Initiatives, designing and operating MLOps pipelines

Domestic Conference

- "手持ちカメラで撮影されたアメリカンフットボール映像からの複数人物追跡", <u>大坪麟太郎, 澤</u>藤幹太, 斎藤英雄, 画像の認識・理解シンポジウム MIRU2025, 2025.
- "アメリカンフットボールの試合映像を用いた選手視点からの試合状況の VR 再現", <u>澤藤幹太</u>, 大坪麟太郎, 三上弾, 映像情報メディア学会 2025 年年次大会, 2025.
- "サッカーネットチャレンジ 2025 におけるセグメンテーションを用いた単眼深度推定の改善", 阿部智樹, 影山雄士, 井辻陸, **大坪麟太郎**, 澤藤幹太, 栗原拓也, 斎藤英雄, 映像情報メディア学会 2025 年年次大会, 2025.

Skills

Programming Proficiency: Python (PyTorch), SQL

Knowledge: Java, C, html, CSS, C++, R, MATLAB, JavaScript

Software AWS, Databricks, Open AI API Git, Flask, Microsoft Office, Postman, LaTeX

Languages Japanese: Native

English : Fluent