

Kohei Tateyama

Computer Engineer

Education

2019 - 2023

Keio University, Yokohama, Japan

B.S. in Information and Computer Engineering

2023 - 2025 (Expected)

University of Genoa, Genoa, Italy

M.S. in Robotics Engineering

2023 - 2025 (Expected)

Keio University, Yokohama, Japan

M.S. in Computer Engineering

Currently pursuing a double degree in Robotics Engineering and Computer Science through the Joint European Master in Advanced Robotics (JEMARO) at Keio University and University of Genoa.

Research Experiences

2022 - 2023

Isogawa Lab, Keio University

Event-Based Vision and Deep Learning Approaches for Human Gaze Tracking

Attained remarkable enhancements in gaze tracking precision, surpassing benchmarks set by prior studies. Achieved through the implementation of deep learning algorithms and an event-driven approach.

2023 - 2024

ACM/IEEE International Conference on Human-Robot Interaction, Colorado, USA

PosChair: Promoting productivity and health in every seat

Designed PosChair, a human-interactive chair, aimed at combatting sedentary behavior and enhancing user health. Showcased the project at the ACM/IEEE International Conference for Human Robot Interaction 2024.

Extracurricular projects

2021-2022 (6 months)

Unity Bands for Healthcare Warriors

Designed and sold 2000+ wristbands during the COVID-19 peak, directing all proceeds to support healthcare workers. Demonstrated commitment to making a positive impact in challenging times.

2021-2022 (3 months)

App development using SwiftUI

Developed an iPhone game that simulates asset building, investment strategies, business growth, and passive income generation. Implemented the game using SwiftUI for user interface design, and utilized MATLAB for point systems and other calculations.

2024

Gran Canaria, Las Palmas

Smart Green Island Makeathon 2024

Participated in Makeathon 2024, collaborating with B&R to tackle battery waste. Led an international robotics team, employing Delta robots to sort batteries based on remaining capacity, optimizing efficiency for other teams.

Contact

Phone

Email

Address

Skills

- Computer Vision
- Neural Networks
- Machine Learning
- Debugging
- Git/Github
- ROS
- CAD design

Soft Skills

- Fast Learner
- Adaptive
- Problem Solver
- Communicative

Coding Languages

- Python
- C
- Java
- Javascript
- SwiftUI

Languages

- Japanese (Fluent)
- English (Fluent)
- Spanish (Intermediate)
- Italian (Basic)