Joe Kohzen

Software Engineer

📞 Contact

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🌐 https://yuzu2yan.github.io/

👤 Profile

I am a fourth-year college student majoring in computer science, currently researching AI robots using a digital twin. I have approximately two years of work experience across several companies and four years of involvement in satellite development during college. Additionally, I have earned numerous awards in hackathons and competitions.

🧩 Skills

- **Programming**
C++, Python, Java, JavaScript
- **Technologies**
OpenCV, TensorFlow, React, Next.js
Linux, ROS, Arduino, Isaac Sim, Git, Docker
- **Language**
Japanese (native),
English (Intermediate)

🎓 Education

Bachelor of Computer Science
Shibaura Institute of Technology 2021 - 2025
- Studied computer science in general for four years and researched autonomous control of AI robots using a digital twin.

GPA: 4.0 / 4.0

Master of Computer Science
Shibaura Institute of Technology 2025 - 2027
- Following undergraduate studies, continue research on digital twins and AI robots while visiting WINLAB.

GPA: 4.0 / 4.0

💼 Experience

Work Experience

Ielove Group, Inc.
Intern 2023
- Developed a SaaS for real estate in a middle venture.
- Skills: PHP, ZendFramework

Rakuten Group, Inc.
Intern 2023
- Developed a creative web application on the theme of food loss that enables the reuse of excessively discarded products.
- Skills: JavaScript, React, Python, Firebase

Usagee Inc.
Intern 2023 - 2024
- Developed an application to retrieve images based on image similarity.
- Skills: Python, LangChain, CLIP, MongoDB

Yukai Engineering Inc.
Intern 2024 - 2025
- Developed firmware for a robot that makes the world joyful.
- Skills: C++, ESP32

Hyper Digital Twins Co., Ltd.
Associate Engineering Lead 2024 - 2025
- Developed an autonomous driving infrastructure system for micro-mobility using a digital twin with sensor networks.
- Skills: Python, ROS2

Additional Experience

Next Generation Leadership Program
Harvard University 2018
- Learned the qualities necessary to be a leader.

Shibaura Aerospace Exploration Society
Project Manager, Engineer 2021 - 2024
- Developed a satellite and participated in launch experiment held in Nevada and other events.
- Skills: C++, Python, Arduino, ROS2, OpenCV, Tensorflow, KiCAD