Yushi Ogiwara

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PUBLICATIONS

- Y. Ogiwara and H. Kawashima, "Extending ROS Transform Library for Massive Autonomous Robots", in *IEEE International Conference on Embedded and Real-Time Computing Systems and Applications(RTCSA'23),* 2023.

- Y. Ogiwara and H. Kawashima, "ROS TF for huge-scale device management", in xSIG2023.

- Yushi Ogiwara, Ayanori Yorozu, Akihisa Ohya, Hideyuki Kawashima: Transactional TF: transform library with concurrency and correctness, IEICE Transactions on Information and Systems announces, Special Section on Forefront Computing 2023.12 (to appear)

- Y. Ogiwara, A. Yorozu, A. Ohya, and H. Kawashima, "ROS TF のトランザクショナル 設計とタイムライン破損," in SIGOS2023 (In Japanese).

- Y. Ogiwara, A. Yorozu, A. Ohya, and H. Kawashima, "Transactional Transform Library on ROS," in *2022 IEEE/RSJ International Conference on Intelligent Robots and Systems (***IROS, H5-index**=**80***),* 2022.

- Y. Ogiwara, A. Yorozu, A. Ohya and H. Kawashima, "Making ROS TF Transactional," in *2022 ACM/IEEE 13th International Conference on Cyber-Physical Systems (ICCPS),* 2022, pp. 318-319

- Y. Ogiwara, A. Yorozu, A. Ohya, and H. Kawashima, "Making ROS TF high quality by concurrency control method," in ETNET2022 (In Japanese).

- Y. Minami, T. Suzuki, T. Yamakura, I. Kamae, Y. Oikawa, Y. Ogiwara, H. Kawashima, H. Date, A. Yorozu, "Tsukuba Challenge 2021: Team Aqua, Intelligent Robotics Laboratory, University of Tsukuba", in SI2021 (In Japanese).

EXPERIENCES

Tsukuba robot competition — 2021
I participated in the Tsukuba robot competition and worked on autonomous driving using ROS.

Chief Technical Officer, Penmark.inc; Tokyo, Japan — 2018-2020
I created multi-platform mobile applications using Flutter framework as the front-end and Google Cloud Platform as the back-end.

Web frontend software engineer, Ubie.inc; Tokyo, Japan — 2018
I was scouted as a web frontend software engineer and worked on medical analysis software using React and Ruby on Rails frameworks.

Web backend software engineer, Preapp Co., Ltd; Kanagawa, Japan — 2017-2018
I was hired as a web backend software engineer and worked on the e-commerce web application using Laravel framework.

AWARDS

- SFC Outstanding Graduation Project — 2022
- Information Processing Society of Japan SIGOS Outstanding Young Presentation — 2022

MEDIA

"Accelerating the Power of Data System" — 2023
https://www.sfc.keio.ac.jp/gsmg/en/education/gstudent-research/ci_ogiwara.html

EDUCATION

2018-2022 **Faculty of Environment and Information Studies, Keio University**

Research Topic: Computer science

Research Supervisor: Dr. Hideyuki Kawashima

GPA: 3.55

2022-Present **Graduate School of Media and Governance, Keio University**

Research Topic: Computer science

Research Supervisor: Dr. Hideyuki Kawashima

SKILLS

Language

Japanese Native

English Competent user.

IELTS Overall 6.5

Programming

Language C, C++, C#, PHP, Python, Ruby, Java, JavaScript, Kotlin, Objective-C, Swift, Scala, TypeScript, and Dart.

Platforms and Frameworks

Vue, React, Angular, Laravel, Ruby on Rails, Phoenix, Android, iOS, React Native, Flutter, Firebase, and Google Cloud Platform.

GitHub https://github.com/Ogiwara-CostlierRain464

SOCIAL MEDIA

Twitter @yogiwara_study