

# Kazki Otao

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## Summary

- 10+ years of software development experience, including academic work.
- Professional experience in modern webfront, mobile apps, backend, machine learning, and data analysis (DS).
- Launched own service as Product Manager (PdM), and grow to 100,000 users.
- Certified as a “Super Creator” and “Innovator” by IPA, the Ministry of Economy, Trade, and Industry, Japan.

## PROFESSIONAL EXPERIENCE *Software Enginner at Mercari Inc, Japan.*

April. 2022 to Present.

- User growth for an EC mobile app with 20 million MAUs (Swift).

## *CEO at Telorain Inc, Japan.*

April. 2020 to Present.

- Launched mobile app service as PdM, and reached 100,000 users.
- Development of mobile app (Swift), research and development of video analysis algorithms (ML), development of backend (Docker, MySQL, gRPC, GCP).
- Development of live-streaming service (Kotlin, Swift, React, TypeScript).

## *External CTO at Landscape Co.,Ltd., Japan.*

Mar. 2020 to Jan. 2021

- Development of machine learning system to propose improvements for customer experience (ML, DS).
- Development of webfront for human resource management system (Angular, TypeScript, Java).
- Development of crawler to collect customer information (Python).

## *Reserach Enginner / Sowftware Enginner at Pixie Dust Technologies, Inc., Japan.*

Sept. 2017 to Mar. 2020

- Research and development of retina projection display and retinal imaging camera. It inculdes development of image processing and computer vision technology, development of optical simulation software, development of optical design, patent applications, paper writing, and presentation at international conferences.
- Development of backend for management system (Python, Docker, AWS).

## EDUCATION

*Master of Science in Informatics* (2022)

Graduate School of Library, Information and Media Studies,  
University of Tsukuba, Japan.

*Bachelor of Science in Media Sciences and Engineering* (2019)

College of Media Arts, Science and Technology, University of Tsukuba, Japan.

*Associate degree in Computer Science and Electronic Engineering* (2017)

Department of Computer Science and Electronic Engineering,  
National Institute of Technology, Tokuyama College, Japan.

## QUALIFICATIONS

- Innovator, Mitou Advanced, IPA (2020)
- Super Creator, Mitou, IPA (2020)
- TOEIC 815 (2016)
- Applied Information Technology Engineer Examination, IPA (2013)
- Fundamental Information Technology Engineer Examination, IPA (2013)

## PUBLICATION

### Book

1. Recent Developments and Prospective Applications of Aerial Display. CMC Publishing Co.,Ltd., 2018, 267p. (Written contribution of Part III, Chapter 9 )

### International Conference (Selected)

1. Kazuki Otao, Yuta Itoh, Kazuki Takazawa, Hiroyuki Osone, and Yoichi Ochiai. 2018. Air Mounted Eyepiece: Optical See-Through HMD Design with Aerial Optical Functions. In Proceedings of the 9th Augmented Human International Conference (AH ' 18). ACM.

2. Takanori Koga and Kazuki Otao. 2018. An Interactive Fog Display to Express Adaptive Shape-Changing Flow. In the 25th International Display Workshops (IDW '18).

3. Kazuki Otao, Yuta Itoh, Hiroyuki Osone, Kazuki Takazawa, Shunnosuke Kataoka, and Yoichi Ochiai. 2017. Light field blender: designing optics and rendering methods for see-through and aerial near-eye display. In SIGGRAPH Asia 2017 Technical Briefs (SA '17). ACM.