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🏛 University [The University of Osaka](https://www.sanken.osaka-u.ac.jp)

🔬 Laboratory www.dm.sanken.osaka-u.ac.jp

🔗 Links [🌐 LinkedIn](#) | [🐙 GitHub](#) | [📄 Arxiv](#) | [🔖 ORCID](#)

👤 About me

I am Soshi Kakio , a second-year M.Sc. student at The University of Osaka, Japan, and a specially appointed researcher at SANKEN (The Institute of Scientific and Industrial Research at The University of Osaka). My research mainly focuses on data stream mining and event tensor decomposition. I am fortunate to be advised by [Prof. Yasushi Sakurai](#) and [Prof. Yasuko Matsubara](#) at SANKEN. I received my B.Sc. degrees from The University of Osaka advised by [Prof. Yasushi Sakurai](#) in March 2024.

Research interests: [Data mining](#) [Bayesian](#) [Gaussian process](#) [Stream processing](#) [Tensor decomposition](#)

🎓 Education

- Ph.D. in Information Science**, The University of Osaka

Department of Information Systems Engineering, Graduate School of Information Science and Technology

April, 2026 - on
Osaka, Japan

 - Exptected graduation date: March, 2026
 - Supervisor: Prof. Yasushi Sakurai
- M.Sc. in Information Science**, The University of Osaka

Department of Information Systems Engineering, Graduate School of Information Science and Technology

April, 2024 - March, 2026
Osaka, Japan

 - Supervisor: Prof. Yasushi Sakurai
- B.Sc. in Engineering**, The University of Osaka

Department of Electronic and Information Engineering, School of Engineering

April, 2020 - March, 2024
Osaka, Japan

 - Supervisor: Prof. Yasushi Sakurai

👜 Experience

- SANKEN, The University of Osaka**

Specially Appointed Researcher

March, 2024 - on
Osaka, Japan
- Crev**

Digital Technology Engineer

April, 2021 - on
Osaka, Japan

📄 Publications

[C1] Soshi Kakio , Yasuko Matsubara , Ren Fujiwara , and Yasushi Sakurai . **Multi-Aspect Mining and Anomaly Detection for Heterogeneous Tensor Streams**. Proceedings of the ACM Web Conference 2026 (WWW '26), April 13–17, 2026, Dubai, United Arab Emirates. Acceptance rate: 20.1%. doi:[10.1145/3774904.3792175](https://doi.org/10.1145/3774904.3792175).
[🔗 kaki005/HeteroComp](#)