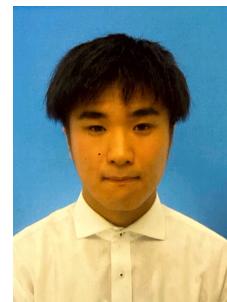


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👤 About me

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 [C1]. 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	April, 2026 - on
Department of Information Systems Engineering, Graduate School of Information Science and Technology	Osaka, Japan
• Exptected graduation date: March, 2026	
• Supervisor: Prof. Yasushi Sakurai	
M.Sc. in Information Science , The University of Osaka	April, 2024 - March, 2026
Department of Information Systems Engineering, Graduate School of Information Science and Technology	Osaka, Japan
• Supervisor: Prof. Yasushi Sakurai	
B.Sc. in Engineering , The University of Osaka	April, 2020 - March, 2024
Department of Electronic and Information Engineering, School of Engineering	Osaka, Japan
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💼 Experience

SANKEN, The University of Osaka	March, 2024 - on
Specially Appointed Researcher	Osaka, Japan
Crev	April, 2021 - on
Digital Technology Engineer	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).

[GitHub](https://github.com/kaki005/HeteroComp) [Arxiv](https://arxiv.org/abs/2604.37921)