# Soshi Kakio

Curriculum Vitæ Summary


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| Address | SANKEN, The University of Osaka<br>Mihogaoka $8-1$, Ibaraki, Osaka $567-0047$, Japan |
| Email | skakio88[at]sanken.osaka-u.ac.jp (please replace [at] with @.) |
| University | The University of Osaka |
| Laboratory | www.dm.sanken.osaka-u.ac.jp |
| Homepage | kaki005.github.io/astro_academia/ |
| 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 — 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

- Supervisor: Prof. Yasushi Sakurai

## 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:110.1145/3774904.3792175.
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