

Takuya Kitazawa

02/2020 – Present **Senior Product Manager**
[Arm Treasure Data](#), Tokyo, Japan

04/2019 – 02/2020 **Staff Engineer**
[Arm Treasure Data](#), Tokyo, Japan

- Mapped out granular IoT-data integrated use cases and solution ideas through customer-facing work with global teams.
- Developed a brand-new Python client tool for an enterprise big data analytics platform, and renovated surrounding data science ecosystem from the product standpoint.
- Evangelized company's IoT and ML offerings, and enabled internal and external people to easily leverage them.

07/2018 – 03/2019 **Senior Engineer**
[Arm Treasure Data](#), Tokyo, Japan

- Evangelized the connection of Big Data, ML, Data Science, and IoT.
- Worked closely with internal sales engineering team to accomplish customer-facing ML opportunities in a wide variety of industries, including retail, gaming, and media.

02/2017 – 07/2018 **Data Science Engineer**
[Treasure Data](#), Tokyo, Japan
(Acquired by [Arm](#))

- Regularly contributed to the development of Apache Hivemall, a scalable ML library running on Apache Hive and Spark.
- Led the development of out-of-the-box ML applications from competitor analysis and product requirement documentation to system implementation and customer onboarding.

04/2015 – 03/2017 **M.S. in Information Science and Technology**
[The University of Tokyo](#), Tokyo, Japan

Thesis: Persistently Cold-Starting Online Item Recommendation for Implicit Feedback Data

Advisor: Dr. Takayasu Matsuo

04/2011 – 03/2015 **B.S. in Computer Science and Engineering**
[The University of Aizu](#), Fukushima, Japan

Thesis: User Modeling in Folksonomies: Relational Clustering and Tag Weighting

Advisor: Dr. Masahide Sugiyama

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Takuya Kitazawa's talks

Personal

25/02/1993, Nagano, Japan
Sumida, Tokyo, Japan
Traveling, Running, Hiking, Drinking

Publications

Conference Talks

T. Kitazawa. [Apache Hivemall Meets PySpark: Scalable Machine Learning with Hive, Spark, and Python](#).
ApacheCon Europe 2019.

T. Kitazawa and M. Yui. [What's New and Coming to Apache Hivemall: Building More Flexible Machine Learning Solution for Apache Hive and Spark](#).
ApacheCon North America 2019.

T. Kitazawa. [Recommendation.jl: Building Recommender Systems in Julia](#). JuliaCon 2019.

T. Kitazawa. [Apache Hivemall: Query-Based Handy, Scalable Machine Learning on Hive](#). ODSC Europe 2018.

T. Kitazawa. [FluRS: A Library for Streaming Recommendation Algorithms](#). EuroSciPy 2017.

International Conference, Workshop, and Demo Papers (referred)

T. Kitazawa. [Zero-Coding UMAP in Marketing: A Scalable Platform for Profiling and Predicting Customer Behavior by Just Clicking on the Screen](#).
Adjunct Publication of the 27th Conference on User Modeling, Adaptation and Personalization (UMAP 2019).

T. Kitazawa and M. Yui. [Query-Based Simple and Scalable Recommender Systems with Apache Hivemall](#). Proceedings of the 12th ACM Conference on Recommender Systems (RecSys 2018).

T. Kitazawa. [Sketching Dynamic User-Item Interactions for Online Item Recommendation](#). Proceedings of the 2017 Conference on Conference Human Information Interaction and Retrieval (CHIIR 2017).

T. Kitazawa. [Incremental Factorization Machines for Persistently Cold-starting Online Item Recommendation](#). The 1st Workshop on Profiling User Preferences for Dynamic Online and Real-Time Recommendations (RecProfile), in conjunction with RecSys 2016.

T. Kitazawa and M. Sugiyama. [User Modeling in Folksonomies: Relational Clustering and Tag Weighting](#). Proceedings of the 5th International Conference on Web Intelligence, Mining and Semantics (WIMS 2015).

Japanese Domestic Conference Papers (non-referred)

-  T. Kitazawa. Incremental Item Recommendation Using a SVD-based Streaming Anomaly Detection Framework (in Japanese). Numerical Analysis Symposium 2016 (NAS 2016), June 2016.
-  T. Kitazawa. [Incremental Factorization Machines for Item Recommendation in Data Streams](#). The 30th Annual Conference of the Japanese Society for Artificial Intelligence (JSAI 2016), IC2-5, June 2016.
-  T. Kitazawa and T. Matsuo. [Incremental Approaches for Matrix Approximation: Performance Evaluations and Their Possible Applications](#) (in Japanese). The Japanese Society for Artificial Intelligence SIG-FPAI-98, Aug 2015.
-  T. Kitazawa and M. Sugiyama. [User Modeling through Relational Clustering on Folksonomy](#) (in Japanese). The 77th National Convention of Information Processing Society of Japan (IPSJ 2015), 3N09, Mar 2015.
-  T. Kitazawa and M. Sugiyama. [Relational Clustering in Social Bookmark](#). Tohoku-Section Joint Convention of Institutes of Electrical and Information Engineering, 2A05, Aug 2014. [IEEE Sendai Section Student Awards: The Best Paper Prize](#)