

Makoto Yui

Tokyo, Japan



myui@apache.org



[linkedin.com/in/makoto-yui-6079a9a](https://www.linkedin.com/in/makoto-yui-6079a9a)

Experience



Apache Hivemall PPMC member

The Apache Software Foundation

Sep 2016 - Present (4 years 2 months +)

Leading the development of Apache Hivemall at Apache Incubator.

<http://hivemall.incubator.apache.org/>



Principal Engineer

Treasure Data

Apr 2015 - Present (5 years 7 months +)

Leading the development of a large scale machine learning service (ML-as-a-Service) in Treasure Data cloud service. My work has been productized as the heart of CDP predictive scoring and Content Affinity Engine. Also, I work on workflow management system (Digdag) and it's Docker support.

As a machine learning specialist, I consulted 20~30 customer-facing machine learning projects from Fortune 500 companies to foreign startups (Indonesia, Taipei, Israel) in the last 2 years. Consulted industrial segments includes: Telecom, Insurance, Automobile, Ad-tech, EC, Media Agency, Internet-related Service, Real-estate, Gaming, and Online Publishers.



Senior Researcher

National Institute of Advanced Industrial Science and Technology (AIST)

Apr 2010 - Mar 2015 (5 years)

Working on distributed and parallel data processing and large-scale machine learning at the data science research group.



Visiting Researcher

The University of Edinburgh

Sep 2011 - Nov 2011 (3 months)

Worked with Paolo Basala and Prof. Malcolm Atkinson at Data Intensive Research (DIR) group.

Designed a distributed streaming data processing system on EDIM1 data-intensive machine (an energy-efficient PC cluster) for scientific workflows.



Visiting Postdoc

CWI

Oct 2009 - Mar 2010 (6 months)

Worked with Peter Boncz and Prof. Martin Kersten at INS1 database research group. Designed and implemented a parallel database system on the top of shared-nothing MonetDB servers.



Visiting Researcher

Waseda University

Apr 2009 - Mar 2010 (1 year)



JSPS Research Fellow (PD)

Japan Society for the Promotion of Science

Apr 2009 - Mar 2010 (1 year)



JSPS Research Fellow (DC2)

Japan Society for the Promotion of Science

Apr 2008 - Mar 2009 (1 year)



System Engineer

NEC Infomatic Systems, Ltd

Apr 2004 - Mar 2006 (2 years)

Designed and implemented RM4GS (Reliable Messaging for Grid Services) as a reference implementation of OASIS WSRM (https://www.oasis-open.org/committees/tc_home.php?wg_abbrev=wsm) which provides reliable messaging facilities for Web Services.

Education



Nara Institute of Science and Technology

Ph.D, Computer Science

2006 - 2009

Ph.D. thesis: Making XML Database Systems Scalable to Computer Resources and Data Volumes



Nara Institute of Science and Technology

M.E. Computer Science, Computer Science

2005 - 2006



Shibaura Institute of Technology, Japan

Bachelor's Degree, Computer Science

1999 - 2003

Licenses & Certifications



Unconscious Bias - LinkedIn

Skills

Databases • Distributed Systems • Hadoop • Machine Learning • Computer Science • Parallel Computing • Java • Amazon Web Services (AWS) • Recommender Systems • Terraform

Honors & Awards



Bossie Awards 2014: The best open source big data tools (for Hivemall) -

InfoWorld, Inc.

Sep 2014

The InfoWorld Bossie Awards are selected by InfoWorld Test Center editors and reviewers, and judging is based upon software products and companies that demonstrate innovation, functionality, ease of use, implementation, and a proven track record in serving the needs of today's businesses.

A full list of winners is available here:

<http://www.infoworld.com/article/2688074/big-data/big-data-164727-bossie-awards-2014-the-best-open-source-big-data-tools.html>



IPA Mitoh Super Creator Award - Information-technology Promotion Agency, Japan

Jul 2003

The MITOH Program aims to discover and develop outstanding human resources called Super Creators. Specifically, these are persons possessing creative ideas and skills for achieving software innovation and who can put these ideas and skills to use. Super Creators discovered through this program implemented by IPA are expected to play active roles as world-class IT human resources that help support Japan's IT industry during the next generation.

<https://www.ipa.go.jp/english/humandev/third.html>



Best Student Award - NAIST

Mar 2009

I was selected as the best student award from those graduated this year.