

Zhenghang Cui 崔 正行
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Education	<i>Ph.D. of Science</i> Sato Laboratory (Machine learning) (Labtory website: https://www.ml.is.s.u-tokyo.ac.jp) Department of Computer Science Graduate School of Information Science and Technology The University of Tokyo	Apr. 2019 ~ Present Tokyo, Japan
	<i>Master of Science</i> Sugiyama-Sato-Honda Laboratory (Machine learning) (Labtory website: http://www.ms.k.u-tokyo.ac.jp) Department of Computer Science Graduate School of Information Science and Technology The University of Tokyo	Apr. 2017 ~ Mar. 2019 Tokyo, Japan GPA: 3.9/4.0
	<i>Bachelor of Science</i> Sugiyama-Sato-Honda Laboratory (Machine learning) Department of Information Science, Faculty of Science The University of Tokyo	Apr. 2013 ~ Mar. 2017 Tokyo, Japan GPA: 3.5/4.0
Research Topics	Machine Learning, Weakly Supervised Learning, Active Learning	
Publications	<i>Classification From Triplet Comparison Data</i> Neural Computation, vol.32, pp.659-681, 2020 Zhenghang Cui, Nontawat Charoenphakdee, Issei Sato, Masashi Sugiyama	
	<i>Bayesian Posterior Approximation via Greedy Particle Optimization</i> 31rd AAAI Conference on Artificial Intelligence, USA, Jan. 2019 Futoshi Futami, Zhenghang Cui, Issei Sato, Masashi Sugiyama	
	<i>Stochastic Divergence Minimization for Biterm Topic Models</i> IEICE Transactions on Information and Systems, vol.E101-D, no.3, pp.668-677, 2018 Zhenghang Cui, Issei Sato, Masashi Sugiyama	
Preprints	<i>Classification From Ambiguity Comparisons</i> Zhenghang Cui, Issei Sato	
Presentations	<i>Active Learning Using Discrepancy</i> ICML 2020 Workshop on Real World Experiment Design and Active Learning, Virtual, Jul. 2020	
	<i>Classification From Triplet Comparison Data</i> 22th Information-Based Induction Sciences Workshop, Japan, Nov. 2019	
	<i>Stochastic Divergence Minimization for Biterm Topic Models</i> First International Research Center for Neurointelligence Retreat, Japan, Mar. 2018	
	<i>Stochastic Divergence Minimization for Biterm Topic Models</i>	

20th Information-Based Induction Sciences Workshop, Japan, Nov. 2017

Stochastic Divergence Minimization for Biterm Topic Models

First International Workshop on Symbolic-Neural Learning, Japan, Jul. 2017

Stochastic Divergence Minimization for Biterm Topic Models

29th Information-Based Induction Sciences and Machine Learning Meeting, Japan, Jun. 2017

**Working
Experience**

AI Specialist and Research Intern

Nablas, Inc.

Sep. 2019 ~ Present

Tokyo, Japan

Working as a teaching assistant at lectures on AI and deep learning for companies.

Research Intern and Research Part-timer

Preferred Networks, Inc.

Aug. 2017 ~ Nov. 2017

Tokyo, Japan

Researching on generative models and discrepancies.

Teaching Assistant

Department of Information Science, Faculty of Science, University of Tokyo Japan

Assisting lectures and experiments on PowerPC assembly language.

Research Part-timer

RIKEN Center for Advanced Intelligence Project

Jun. 2017 ~ Present

Tokyo, Japan

Researching on Bayesian methods and weakly-supervised learning.

Engineer Part-timer

Kyushin Cram School

Jun. 2017 ~ Sep. 2019

Tokyo, Japan

Writing codes on Excel Macros and Google Docs API.

Cram School Teacher

Seedom Cram School

Apr. 2015 ~ Sep. 2016

Tokyo, Japan

Teaching on (under)graduate school entrance examinations.

System Tutor

University of Tokyo

Apr. 2014 ~ Sep. 2019

Tokyo, Japan

Answering consults about ECCS (Educational Campus-wide Computing System).

Attending the managing team at the last year and also managing servers.

Full Stack Engineer & Data Analytics

3idea, Inc.

Mar. 2014 ~ Dec. 2016

Tokyo, Japan

Working on both server and front end programs, reviewing codes submitted by other employees, and composing reports on data analysis results.

Awards & Grants *Doctoral Student Research Support System*

Sep. 2019 ~ Feb. 2020

A financial support aiming to encourage outstanding doctoral students.

Doctoral Student Special Incentives Program (IST-RA)

Apr. 2019 ~ Mar. 2021

A financial support aiming to encourage outstanding doctoral students.

AIP Challenge Program 2018

Aug. 2018 ~ Mar. 2019

A research funding of 10K USD for young researchers provided by Japan Science and Technology Agency (JST).

AIP Challenge Program 2020
Same as above.

Jun. 2020 ~ Mar. 2021

Activities *Conference Review: AAAI 2019, ICML 2020, ACML 2020*
Journal Review: Machine Learning

OSS Contribution *Optuna: A hyperparameter optimization framework.*
Engrafe: A LaTeX to HTML converter used by <https://www.arxiv-vanity.com>.

Others *PyCon JP 2020 Sprint*
The University of Tokyo AI for Good Contest 2020 (Second Place)
Cookpad Online Spring Internship 2020

Languages Chinese: Native proficiency
English: Full professional proficiency; TOEFL iBT 108/120, 106/120
Japanese: Full professional proficiency; JLPT N1
Cantonese, Korean, German: Elementary proficiency